

96TH YEAR OF SERVICE

The
Mount Sinai
Hospital

1948



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A handwritten signature in dark ink, appearing to be "J. M. S.", is located at the top center of the page.

96TH ANNUAL REPORT

The
Mount Sinai
Hospital *of the City of New York*
1948

Act of Incorporation Filed 1852



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*The Mount Sinai Hospital is a member of the
Federation of Jewish Philanthropies of New York,
and a beneficiary of its fund-raising campaigns.
It benefits generously also from yearly grants from
the Greater New York Fund and from
the United Hospital Fund*

1852

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MILESTONES

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1948



TWENTY-EIGHTH STREET BUILDING: 1855-1872

A HOSPITAL'S MARCH OF PROGRESS

- 1852 The Jews' Hospital in New York is incorporated for "benevolent, charitable and scientific purposes." Sampson Simson is the first President.
- 1855 The new Hospital is opened on May 17th, in a four-story building with 45 beds, at 138 West 28th Street, between Seventh and Eighth Avenues. The original Staff of ten men includes Dr. Valentine Mott and Dr. Willard Parker. In accordance with the usage of the period, there is no separation of Medical and Surgical Services, because surgery is not considered sufficiently important; nor are there any specialized services.
- 1856 In its first full year the Hospital cares for 225 patients. Operating expenses total \$5,493.
- 1862 The Hospital opens its wards to wounded Federal soldiers of the Civil War, installing additional beds and increasing its personnel for the purpose.
- 1866 To make it clear that the Hospital serves the community without distinction of race or religion, its name is changed to The Mount Sinai Hospital.
- 1868 The Ladies' Auxiliary Society is formed to assist in the work of the Hospital.
- 1872 The Hospital is moved into a new 3½-story building with a capacity of 120 beds, on Lexington Avenue from 66th to 67th Streets.
- 1872 The Medical Board and House Staff are organized at a meeting at the home of Dr. Willard Parker, who becomes first Chairman of the Board.

- 1872 The Hospital takes a bold step forward by appointing two women to professional positions—one to the House Staff and the other as Apothecary.
- 1873 The Outdoor Dispensary (Out-Patient Department) is formally established, with four divisions: Medical, Surgical, Gynecological, and Children's.
- 1877 Reflecting the advances in surgery and increase in surgical practice, the Hospital establishes separate in-patient Medical and Surgical Services.
- 1877 An in-patient Gynecological Department is established, headed by Dr. Emil Noeggerath, pioneer in the study of gonorrhea.
- 1878 Creating a precedent among New York hospitals, a separate service for in-patient care of children is established, through a legacy from Michael Reese of California. Dr. Abraham Jacobi heads this department.
- 1879 An Eye and Ear Service is organized, headed by Dr. Emil Gruening, who in 1888 performs one of the early mastoid operations in America.
- 1880 Dr. Arpad G. Gerster, early champion of Listerian surgery, is appointed Attending Surgeon.
- 1881 The School of Nursing is established, one of the country's pioneer nurses' training institutions. There are eight students when the School opens.
- 1883 Dr. Alfred Meyer begins the Hospital's Medical Library and looks after it for more than a decade when a Committee of the Medical Board is appointed to develop it further as the future Abraham Jacobi Library.
- 1883 The Hospital building is enlarged to a capacity of 190 beds, and an isolation building is added. Space for private patients is increased, indicating the emergence of the modern hospital as a medical center for all instead of an institution for the poor only.
- 1883 Dr. Edward Gamaliel Janeway, one of the great diagnosticians of his time, is appointed to the Staff.
- 1886 The Hospital grants its diploma to Dr. Josephine Walter, first woman in America to serve a formal internship.
- 1886 To relieve overcrowding of the Hospital and to care for patients who can be treated at home, a District Medical Service is organized, first of its kind in the city.
- 1890 The Out-Patient Department is greatly expanded, housed in a new building. Neurological, skin, and venereal disease clinics are established.
- 1893 The Laboratory is established, housed in a cloak room "not much larger than a bird's cage."
- 1895 The Genitourinary Service is established, with Dr. William F. Fluhrer as its first chief.
- 1900 The Hospital purchases its first X-ray machine.

- 1901 The cornerstone of the present group of hospital buildings is laid on May 22nd with Mayor Seth Low among the distinguished participants. The original ten buildings have a bed capacity of 456.
- 1904 The new Hospital buildings are dedicated on March 15th.
- 1905 A Department of Dietetics is established.
- 1906 The Social Service is formed, one of the earliest hospital services of this type in the country.
- 1909 An independent Otological Service is established.
- 1910 The Dental Department for in-patients is established—extended to the Out-Patient Department in 1925.
- 1910 The Hospital begins post-graduate medical instruction. Under-graduate medical instruction to students attending two of the city's medical schools had preceded it by several years.
- 1910 Physical Therapy is established as a separate department.
- 1911 The Cystoscopy Room is built and outfitted—enlarged and refitted in 1933.
- 1913 A large building program is initiated. Funds are collected for the Children's Pavilion and Dispensary, Private Pavilion, Laboratory Building, Director's Home, and Employees' Dormitory.
- 1915 Electrocardiography is instituted.
- 1916 Mount Sinai organizes Base Hospital No. 3 of the United States Army Medical Corps. In 1918, 24 physicians, 50 nurses, and 153 enlisted personnel serve with this Unit at Vauclaire, France.
- 1916 The Social Service Auxiliary is formed by women volunteers who attend to many wants of convalescent patients and of patients' families.
- 1917 The Federation for the Support of Jewish Philanthropic Societies is organized, with Mount Sinai as one of its constituents.
- 1919 The Children's Health Class is organized.
- 1920 The Psychiatry Clinic, one of the earliest in a general hospital, is established.
- 1922 The Private Pavilion, the Children's Pavilion, and the Blumenthal Auditorium are opened.
- 1923 The affiliation with the College of Physicians and Surgeons, for post-graduate medical instruction, is placed on a formal basis.
- 1924 The Occupational Therapy Department is established.
- 1924 A Metabolism Clinic is established.

- 1925 A beginning is made toward establishment of an endowment fund for support of medical research, hitherto precariously dependent on occasional donations.
- 1926 The weekly Clinical-Pathological Conferences, regularly attended by several hundred physicians, are expanded with enlarged facilities.
- 1927 The new building of the School of Nursing is completed, accommodating 476 residents.
- 1931 The Consultation Service is established, providing diagnostic service by specialists for patients of moderate means referred by their own physicians.
- 1931 The Semi-Private Pavilion is opened, increasing the capacity of the Hospital to over 800 beds. Group nursing, providing 24-hour nursing care at a much reduced cost, is introduced in this Pavilion.
- 1932 A separate Neurosurgical Service is created.
- 1933 To keep up the morale of convalescent patients, unemployed because of the depression, the Social Service Workroom is established.
- 1933 The Out-Patient Department building is modernized.
- 1934 The *Journal of The Mount Sinai Hospital* is established. It is distributed to universities and medical libraries throughout the world.
- 1935 The Medical and Surgical Pavilions are modernized.
- 1936 The Neustadter Home in Yonkers is affiliated with the Hospital as its institution for convalescents.
- 1936 The Isolation Ward is rebuilt and becomes the first in the city approved by the Department of Health for private patients.
- 1938 The Blood Bank is established under the direction of the Department of Hematology.
- 1938 The Administration Building is renovated, providing enlarged and improved facilities for teaching, diagnosis, and treatment.
- 1939 Radiotherapy is separated from Roentgenology and established as an independent department.
- 1939 An Electroencephalographic Unit is established at the Hospital for use in the diagnosis of intracranial lesions.
- 1940 The Third General Hospital of the United States Army is organized at the invitation of the War Department.
- 1940 The Hospital collects blood plasma for Britain from volunteer donors. At the close of 1944, over sixteen thousand people had volunteered as donors to the Hospital's own Blood Bank.

A HOSPITAL'S MARCH OF PROGRESS

- 1942 The Third General Hospital of the United States Army is activated and leaves in 1943 for service in North Africa, Italy, and France.
- 1943 Semi-Private facilities are provided for children.
- 1944 The Greater Mount Sinai Development Fund is initiated for a post-war building and research program.
- 1944 Full-time positions are created in the Hospital for a Director of Medical Education and a Director of Clinical Research.
- 1945 The Third General Hospital returns from duty overseas.
- 1945 A separate Psychiatry Service is established and a full-time position is created for a Psychiatrist to the Hospital.
- 1946 Physicians, nurses, employees, and trustees who had served with the Armed Forces numbered nearly 900 before the end of hostilities.
- 1947 A separate Psychiatric Ward is opened.
- 1948 Greater Mount Sinai Hospital Development building program is initiated. Ground broken for three buildings — the Maternity Pavilion, the Central Laboratory Building and the Berg Institute of Research, and work is begun on central kitchens.



THE MOUNT SINAI HOSPITAL — VIEW FROM CENTRAL PARK

THE REPORT OF THE PRESIDENT

The Hospital Starts to Build Toward a Greater Mount Sinai—The Trend Toward Full-Time Chiefs of Service—Officer and Administrative Changes—New Services for the Poor—Growth of Medical Education and Research—Laboratories Yielding New Knowledge

IN the history of an institution as well as of an individual there occurs occasionally a year of important changes, some involuntary, others voluntary. For the Hospital, 1948 was such a year.

Perhaps, I should first refer to the unsought changes that also were matters of regret. Early in the year, Mr. George B. Bernheim, who had so ably led the Hospital as its President, requested that he not be re-elected to office and that Mr. George Lee, who had for a similar length of time and with no less ability served as a Vice-President, requested that he not be re-elected. Fortunately, both gentlemen agreed to continue to serve as Trustees and as members of important committees but unfortunately felt that because of personal considerations they could not continue to bear the responsibilities of office. Both gentlemen had been pillars of strength and their refusal to accept re-election to office posed a serious problem. Mr. Bernheim was, however, prevailed upon to accept election to the office of President Emeritus.

Toward the end of the year a further problem was presented to the Board by the resignation from office of Mr. Richard Goldsmith, who had taken office as a Vice-President in 1947 and who had rendered valued service to the Hospital. His election as Treasurer of the Federation of Jewish Philanthropies of New York made necessary his resignation as an officer of an affiliated society. Fortunately again, Mr. Goldsmith agreed to continue to serve as a Trustee and as a member of important committees.

It seemed wise to the Board of Trustees that henceforth, and until further change seemed advisable, there should be four rather than three Vice-Presidents so that the Hospital might have the benefit of wider administration. At the beginning of the year, Mr. Joseph Klingenstein and Mr. Richard Goldsmith agreed to accept re-election to office as Vice-Presidents and the Hospital was equally fortunate in obtaining the consent of Mr. Leo Gottlieb and Mr. Charles A. Riegelman to serve as Vice-Presidents. It will be recalled that Mr. Gottlieb had until 1944 served as a Vice-President.

The further changes that occurred were voluntary changes designed primarily to assist the Hospital to progress in its program for expansion and improvement, looking forward toward, and even beyond, the goal envisaged by the program for a Greater Mount Sinai, as conceived and formulated during the presidency of the late Mr. Waldemar Kops.

The approval of the Federation of Jewish Philanthropies was obtained during the year for the commencement of the construction of the Maternity Pavilion, the General Laboratory Building, the Berg Institute of Research and the sub-surface structures designed to consolidate and coordinate the new structures with those already existing. In abandoning its separate campaign and joining the Federation

Building Fund effort, the Hospital agreed to obtain Federation's consent, and its appropriation of funds, before actual work of construction could be undertaken. Despite the fact that the Federation Building Fund Campaign had not been completed and that the entire anticipated cost of the new construction designed for the Hospital was not then in hand, the Federation wisely determined that sufficient moneys were in hand specifically allocated to the use of the Hospital which, when added to funds already in the possession of the Hospital itself, substantially assured the completion of the projects and justified it in approving commencement thereof. Accordingly, the work of excavation was begun in July.

A project so large and so highly technical as the proposed building program required careful consideration in all of its myriad details by one well versed and experienced in hospital operation and administration. Dr. Joseph Turner, who had succeeded Dr. S. S. Goldwater as Director in 1928, was selected for such tasks because of his years of familiarity with the Hospital and because of his knowledge and experience in matters of general hospital design and administration. It was believed impractical and inefficient to have burdened Dr. Turner with such tasks without relieving him of the onerous duties and responsibilities of Directorship. To that end, the Board created the office of Consultant to the Board of Trustees and elevated Dr. Turner to that office, having in mind not only the problems of new construction and coordination but of preserving for the Board the benefit of the advice and long experience of Dr. Turner.

The elevation of Dr. Turner to the new office created a vacancy in the office of Director. The Hospital was fortunate in having available Dr. Martin R. Steinberg who as Assistant and later as Associate Director had so satisfactorily demonstrated his qualifications that his elevation to the Directorship was unanimously approved by the Board of Trustees. To afford him the necessary assistants in addition to Dr. Julien Priver, Dr. Sidney Samis and Mr. Harry Markowitz were appointed as Assistant Directors. Mr. Markowitz will retain his position as Supervisor of Purchases.

It was believed to be unwise and contrary to the experience of the Hospital to permit the President of the Hospital simultaneously to retain the Presidency of the School of Nursing and the Chairmanship of the Nursing Committee. Mr. Charles A. Riegelman, because of his familiarity with the nursing problems of the Hospital, was named Chairman of the Nursing Committee and elected to the Presidency of the School of Nursing.

Lest it be believed that a Greater Mount Sinai consists only in the addition of physical equipment and new structures, it should be said that a long-range program for post-graduate education of physicians and for medical research, both clinical and in the realm of pure science, has been under development. It is to be noted that although the care of patients is the primary obligation of a hospital, adequate care of present and future patients is more fully served by the training of physicians who will serve them both within and without the Hospital, and by the development of new techniques and scientific developments. As an example of the impact upon medical knowledge and procedures of development in the field of general

science one need only refer to the medical investigation based upon nuclear fission and the introduction of atomic energy. Without realization of any development such as atomic energy, the Hospital had already created some years ago a Department of Bio-physics under the able leadership of Dr. Sergei Fiettelberg who, in aid of the exhibition in honor of the Semi-Centenary of the Greater City of New York, was invited to and did design and help perfect the exhibit given over to Bio-physics and to the medical developments which thus far have resulted from radioactive substances.

Hospitals associated with medical schools have, for many years, employed as chiefs of some or all of their services, physicians who devoted themselves exclusively to Hospital and medical school duties and who, therefore, had retired or withdrawn from private practice. Whether voluntary hospitals not associated with medical schools should follow a similar procedure, particularly where they provide substantial post-graduate teaching, is a question which has been under serious consideration and debate particularly within the last several years. Our Hospital several years ago, in order to test this question, obtained the full-time services of Dr. George Baehr as the Attending Physician on one of the medical services, and as the Director of Clinical Research within the Hospital, and of Dr. Isidor Snapper, as Attending Physician on the other medical service and as Director of Medical Education within the Hospital. The improvement in the coordination and direction of both education and research has been notable. As an extension of this principal on the Medical Services of the Hospital Dr. Saul Jarcho, previously an adjunct, was appointed a full-time Associate on the First Medical Service so that although elevated to Associateship he might continue his service as Assistant to Dr. Baehr in connection with Clinical Research. Similarly, the Hospital had secured the full-time services of Dr. M. Ralph Kaufman as Psychiatrist to the Hospital in charge of its Psychiatric Service, and subsequent developments have been particularly notable.

Those experiences led, during the current year, to a more intensive study of the problem by a sub-committee of the Federation and a sub-committee of the Board of Trustees of the Hospital. Although no conclusion has as yet been reached with respect to the general over-all problem, it was determined that the Pediatric Service of the Hospital should hereafter be in charge of a full-time Pediatrician. To afford a full-time Pediatrician desirable facilities for research and education, a special laboratory and set of offices were designed within the Children's Pavilion. Through the great generosity of the Dorothy H. and Lewis Rosenstiel Foundation, a grant of \$75,000 in memory of Dorothy H. Rosenstiel was received as a payment to cover the estimated costs of construction and equipment of the Pediatric Laboratory. Contracts for construction have been let by the Hospital, so that within a relatively short time the necessary laboratory and office facilities will be available for a full-time Pediatrician.

As a further development of the services of the Hospital two new Clinics began to function—one known as the Diagnostic Clinic and the other as the Special Therapy Clinic. The fundamental idea of both was to make available to ambulatory

patients of restricted means, diagnostic and therapeutic services which previously had been available only to patients within the Hospital. The collateral purpose of each of these clinics is to afford increased educational opportunities for members of the Hospital staff who thereby might obtain a wider and fuller experience with rare or unusual diseases and physical defects. A modest charge is made for the service by either clinic and even then the amount of that charge is curtailed to meet the financial ability of each patient, even to the extent of making no charge where the patient is deemed completely unable to pay.

Every year a certain number of highly trained physicians who complete their graduate education in the Hospital are awarded fellowships or grants and are sent to medical centers of learning, both in the United States and abroad, to receive training in the newest techniques and procedures both clinical and laboratory. These physicians return to the Hospital bringing with them their newly acquired knowledge and in that manner help to keep the professional level of the Hospital abreast of world-wide progress in medical and related scientific fields.

In the field of research, substantial progress has been made during the current year. In a field as varied and as technical as this, there is danger that in giving examples of progress in one field or another, certain developments are deemed more important and noteworthy than others. No such inference should be drawn from the following examples, which have reached a development in this year entitling them to mention, while others of equal or possibly greater importance have not yet reached the same development in point of time.

A direct writing microplytheshmograph was designed and constructed in the Hospital and has been applied to a number of important diseases of the circulatory system. The machine is a highly sensitive electrical device which can be adjusted to the fingers or toes of the patient and which records pressures in the small arteries close to the skin. The study has been yielding important new information. In diabetes, for instance, it has been found that certain patients develop changes in the finer subdivisions of arteries before the appearance of the well-known alterations associated with peripheral arteriosclerosis. The apparatus has also been of signal aid in the diagnosis of certain congenital anomalies of the heart amenable to surgical operation.

There has been an investigation of the functioning of the kidneys by means of newer techniques. These techniques have been developed to the extent that by them it is possible to designate with confidence the exact part of the intricate kidney mechanism that has suffered damage in any given case. It has been possible, too, in some types of damage to make exact prediction as to the rate of recovery.

A new laboratory was equipped for studies in virology. In its investigations the serology of such virile infections as mumps and influenza has been undertaken. Evidence has been collected which shows that significant quantities of two varieties of antibodies may be present in cases of mumps as early as the second day. These and other observations may in time lead to precise virological methods for diagnosis in the more complicated infections which are sometimes caused by the mumps virus.

The departments of Physics, Radiotherapy, and Gastroenterology have demonstrated that the secretion of acid by the lining of the stomach can be stopped by the application of a collapsible bag coated with radioactive phosphorus. Further studies along these lines are now being carried out.

The Surgical Research Department has been able to construct a pumping mechanism which can be used as a bypass in animals with experimentally induced arterial obstruction. It has even been successful in bypassing the heart for brief periods. The value of these techniques when they are extended need not be labored here.

As has been stated above, these are but a small sampling of the research projects in process.

One of the functions of the Annual Report by the President of the Hospital is to supply a chronological history of the institution. It would seem unnecessarily burdensome and lengthy to narrate all of the happenings and occurrences in a narrative form. Subjoined is a tabulation of such happenings as are deemed worthy of note and of the dates upon which they took place.

- 1/28 Replacement of refrigerators in the Children's Pavilion.
- 5/1 Establishment of Diagnostic Service for the medically indigent ambulant patient (The Special Medical Clinic).
- 5/11 Dr. Saul Jarcho appointed first full-time Associate Physician.
- 6/15 New Serology Laboratory and Endocrinology Laboratory completed.
- 6/28 New Laboratory completed for the study of viruses.
- 7/22 Excavation begun for the Maternity Pavilion, the Berg Institute of Research Laboratory Building and the new Central Kitchen and Dining Rooms.
- 8/2 Construction begun on alterations to Neustadter Home and the erection of a new wing, The Moses Weinman Memorial Wing.
- 9/1 Dr. Joseph Turner appointed Consultant to the Board of Trustees.
Dr. Martin R. Steinberg appointed Director.
- 11/1 The newly constructed parking lot next to the Hospital opened for the use of the staff.
Treatment department for radioactive isotope studies and office for Dr. Feitelberg completed.
- 11/20 First edition of a new monthly journal (The Capsule) for the Hospital staff and employees.
- 12/13 Establishment of a new group of clinics to study and treat disease entities in the OPD (Therapeutic Clinics).
New Laboratory for the performance of the Papanicolaou test.
- 12/28 Plans approved and contract let for new Pediatric Laboratory.

Appointments to the Staff, new appointments to the Medical Staff:

- | | | | |
|------|----------------------|-----------|--|
| 1/13 | Drs. Max L. Som | Associate | Otolaryngologist |
| 1/13 | Moses Swick | " | Urologist |
| 5/11 | Charles K. Friedberg | " | Physician |
| 5/11 | Lester R. Tuchman | " | Physician |
| 1/13 | Lewis T. Mann | Adjunct | Urologist |
| | Louis Greenstein | " | Neurologist for Electroencephalography |

THE REPORT OF THE PRESIDENT

	Herman Zazeela	"	Physician for Convalescent Care; assigned to Neustadter Home
5/11	Edmund Uhry, Jr.	"	Orthopedic Surgeon
	Wilfred C. Hulse	"	Psychiatrist
	Samuel R. Lehrman	"	"
	Louis Linn	"	"
	Nathan N. Root	"	"
	Samuel R. Rosen	"	"
7/1	Stanley L. Glickman	"	Urologist
	Joseph W. Jailer	"	Physician for Endocrinology
8/2	Raymond S. Megibow	"	Physician
	Daniel Stats	"	"
	Nathan Adelman	"	Otolaryngologist
	Leon M. Arnold	"	"
	Samuel M. Bloom	"	"
	Mortimer F. Shapiro	"	Neurologist
8/30	Bernard M. Schwartz	"	Physician
12/13	Sylvan Bloomfield	"	Ophthalmic Surgeon

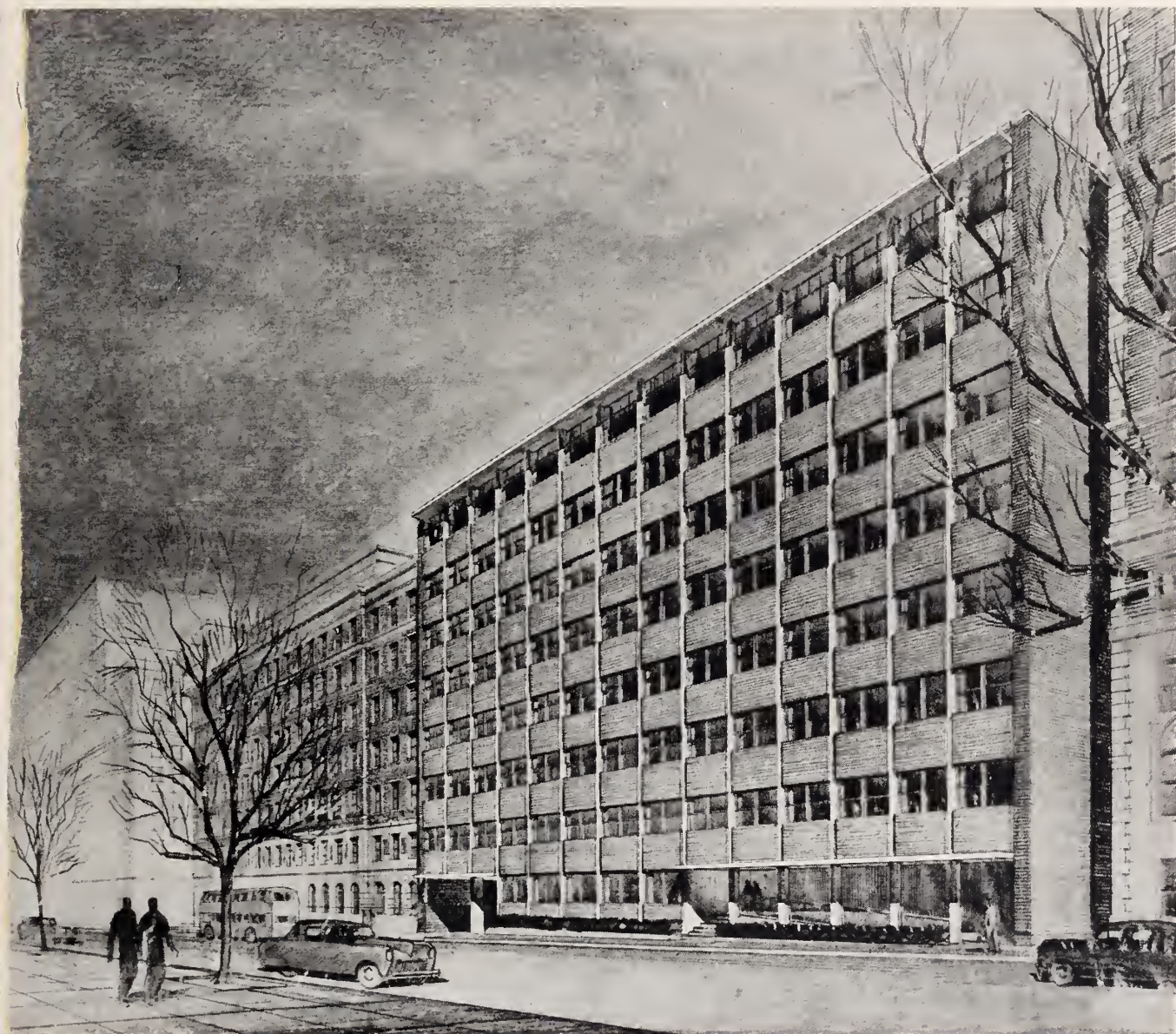
Resignations:

1/13	Drs. Eleanor Galenson	Adjunct Psychiatrist
7/1	Irving Bieber	" Neurologist

In this year the Hospital expresses its gratitude to the Federation of Jewish Philanthropies of New York not only for the generous financial assistance given by the Federation toward the Hospital's operating costs, but also for the assistance rendered by it in enabling the Hospital to proceed with its building program without the delays which would have been attendant upon awaiting the completion of the Federation Building Fund Campaign. In this year the Hospital received from Federation a sum equivalent to approximately one quarter of its operating costs, without which it is obvious that the Hospital could not have rendered its full services to the community.

To two other important sources of income the Hospital expresses its sincere gratitude—to the United Hospital Fund and to the Greater New York Fund, in whose distribution of the moneys contributed by charitably inclined persons and corporations the Hospital liberally shared.

For some years there has been a notable growth in the number of patients enjoying the benefits of hospitalization insurance. During the recent period of rapidly rising costs, payments by the Associated Hospital Service to hospitals failed of the original purpose; namely, to pay an amount sufficient to cover the cost of maintaining the patient. During the current year a cooperative effort between the hospitals and the Associated Hospital Service resulted in obtaining approval by the State Superintendent of Insurance to increase payments to the hospitals. The hospitals understood the difficulties which would have been involved in increasing rates to the subscribers to the Blue Cross Insurance Plan and were grateful for the cooperative spirit shown in obtaining an increase in the per diem rate of payments, without a concurrent increase of charges to the subscribers.



RENDERING BY KAHN & JACOBS, ARCHITECTS, OF THE MATERNITY BUILDING FOR WHICH GROUND HAS BEEN BROKEN. SEE THE REPORT OF THE PRESIDENT.

Similarly, because of the rapidly rising index of cost, and the consequent substantial and frightening growth of hospital deficits, the City of New York increased its payments to voluntary hospitals to reimburse them for part of the cost of the care of city-approved patients. Although this Hospital is more than grateful to the Honorable William O'Dwyer, as Mayor, and the Honorable Lazarus Joseph, as Comptroller, for their efforts on behalf of the voluntary hospitals, it still must be regretfully noted that payments by the city are substantially below the per diem cost of patient care.

In this my first year as President of the Hospital, I am more fully conscious than ever of the great loyalty, earnestness and devotion of the Trustees, of the members of the various committees, the medical and administrative staffs and of all employees. An institution such as this is, for the most part, a composite of the efforts of all. Without meaning in any manner to deprecate the contribution of effort made by others, I may be permitted to single out for special mention in this year the Building Committee, under the leadership of Mr. Alfred Rheinstein, and the architects and engineers who have worked so diligently with that Committee in a task which, for concentration of effort and continuous analysis and reanalysis of all manner of detail, cannot be too highly praised. I express my warm gratitude to one and all, including herein those donors whose contributions have been so gratefully received, and I am happy to record that a real spirit of cordial cooperation has pervaded the Hospital during the year. Other reports in this volume sufficiently detail the activities of the several subdivisions and require no remarks from me other than a repeated expression of my thanks.

ALFRED L. ROSE, *President*

Patient care, research and education

THE REPORT OF THE OUT-PATIENT CLINIC

Completing Its 75th Year of Service, the Department Looked After 269,692 Visits and, Despite the Limitations of Its Physical Facilities, Opened Several New Diagnostic and Therapeutic Clinics, While Expanding Others — Special Adolescent Clinic to Be Established

THE past year marked the completion of the Out-Patient Department's seventy-fifth year of service to the community. During the year, our patients were cared for during 269,692 visits. The examination and treatment of these patients were made possible by the services of 511 physicians and dentists, assisted by a large group of nurses, social workers, and volunteer aides.

In spite of the fact that our fees were increased during the year, we continued to operate at a very large deficit. According to the latest comparative report (United Hospital Fund, 1947), the Hospital contributed more of its own funds towards the cost of each patient visit than any other major hospital in the City. This is a reflection of our policy of providing care for the needy without regard to their ability to pay. Sixty-two percent of our daily census consisted of free patients; of the 170,695 prescriptions filled during the year, 61 percent were dispensed without charge.

Several additional clinics were established during the year. A Special Therapy Clinic was organized for patients who require intensified study. This was accomplished through highly trained groups of physicians. We have endeavored to integrate the work of this Clinic with that carried on in the Hospital wards. It is hoped, therefore, that by this means those patients who are eventually admitted to the Hospital can have their stay shortened. The Clinic is currently serving the following disease groups: Heart failure, hyperthyroidism, renal, endocrine and tropical diseases. This specialization offers the opportunity for broader study and research.

Another major new clinic, known as the Special Medical Clinic, was established, where diagnostic problems are referred by other clinics or outside physicians. Upon completion of the investigation, a report of the findings is sent to the referring doctor. This service is comparable to that afforded by the Consultation Service but is reserved for patients of the lower income group. The intensive character and high quality of the work done in this Clinic not only serve to raise further the standards throughout the Out-Patient Department but at the same time, wherever possible, work up applicants for ward admission. This shortens the hospitalization period and permits more patients waiting for hospital care to be accepted.

A Radiophysics Clinic was also established this year under the direction of the Physicist to the Hospital, so that the implications of atomic energy (and its derivatives) for medicine could be investigated. Some of the work of this Clinic has been integrated with the Special Therapy Clinic, especially in respect to its Thyroid Studies.

The Genito-Urinary Service was expanded by the forming of a Pediatric Genito-Urinary Clinic and a Male Sterility Clinic. Both of these have provided a service



ONE OF THE SIXTY-EIGHT CLINICS OF THE OUT-PATIENT DEPARTMENT.

that is in great demand because of the dearth of facilities available in these highly specialized fields. The demands made on the Children's Orthopedic Clinic were also so pressing during the past year that an additional session had to be scheduled. Similarly, the demands on our Psychiatric Service continued unabated. Its work was limited only by the size of the staff and physical facilities. We have been able to secure some space which will enable us to expand the work of the Child Guidance Clinic, and we are currently planning the establishment of a Special Adolescent Clinic.

In many of our departments the amount of work that we are able to do is, unfortunately, limited by our physical facilities. The establishment of a Special Medical and a Special Therapy Clinic was made possible only by consolidating the morning and afternoon medical clinics. We have, naturally, been confronted with the problem of finding adequate facilities for handling this large increase of patients in a single session. This problem has necessitated the shifting of various clinics in order to accommodate the larger attendance. We hope that we have now found the answer to this problem.

We are constantly allocating funds for modernizing our Out-Patient Department and improving its efficiency. The most recent instance was the installation of a new photo fluororoentgen unit.

As in the past, the Out-Patient Department continued to serve as a source of material for medical education and research. Many of the patients presented in the postgraduate medical educational program conducted at the Hospital in association with Columbia University came from the Out-Patient Department. Also, some research projects described elsewhere in this Report centered on Out-Patient Department patients. Furthermore, the opportunity to study patients before hospitalization, follow their progress on the wards, and subsequently observe and treat them as ambulant patients is of great value to all members of the Out-Patient Department professional staff.

This report merely touches on a few of the aspects of the work carried on in the Out-Patient Department during the past year. In addition to the high quality of professional service that we attempted to maintain, we also endeavored to approach the patient's problem with understanding and consideration. Any success that we may have achieved in this respect is due to the efforts of the doctors, nurses, social workers, nutritionists, volunteer aides, and lay employees who served so faithfully and so well and to whom I extend my sincere thanks and gratitude.

JOSEPH KLINGENSTEIN, *Chairman*
Committee on Out-Patient Department

THE MEDICAL SERVICES

*Hospital-Built Apparatus Aids Work in Congenital Heart Diseases —
New Use of Mercurial Diuretics a Factor in Hypertension Studies
— Project Advances Knowledge of Metabolic Processes within Cells —
Research Group Tests Nutrition of School Children and Long-Term Sick*

THE Medical Services continued to engage in investigation and instruction in addition to the routine care of patients. Researches in several aspects of cardiovascular physiology have occupied a prominent place in the work of the past year and will continue to claim a large share of attention in the future.

The microplethysmographic apparatus which was designed and constructed by the physics laboratory has made it possible to collect valuable information about patent ductus arteriosus and coarctation of the aorta; indeed, microplethysmography is now a routine procedure whenever the presence of these anomalies is suspected. The procedure has also come to be recognized as therapeutically and prognostically valuable in cases of hypertension. Analogous investigations in cases of diabetes have thrown new light on the vascular complications which are so much feared in that disease.

A promising innovation has been the use of mercurial diuretics to accelerate the beneficial influence of the rice diet in essential hypertension. Calorimetric methods are being used with some success in the study of digital blood flow in various vascular diseases. Extensive studies of coronary insufficiency, exercise tests, ventricular aneurysm and intracardiac electro-cardiography are being continued from previous years. Numbers of new antibiotic drugs have been tested and evaluated.

The work on stilbamidine and myeloma has produced results which advance our knowledge of metabolic processes within cells, as revealed by extremely precise modern microchemical staining methods. The therapeutic value of the diamidine drugs in cases of myeloma is under continued investigation.

The Metabolism Group has completed the coordination of its two out-patient sections; one for diabetic and other metabolic disturbances and the other for general problems of nutrition. This and other rearrangements will make possible an increase in the teaching and training activities which are conducted for the staff. The metabolism ward, which was opened in 1947, has functioned in close collaboration with the nutrition laboratory. The resultant cooperative undertakings have dealt chiefly with studies of diabetes, nutrition and arterial hypertension. In a study of the nutrition of school children, the blood vitamin concentrations of 1,000 public school children and of 100 private school children have been determined. It is expected that this series of observations will yield valuable information. Other studies have dealt with the nutrition of persons afflicted with chronic illness and with the nutritional abnormalities of convalescents. The influence of sodium deprivation in hypertension has also been under study; this investigation seems likely to yield a useful advance in therapeutics.

The Endocrinological Research Group has devoted itself to several principal problems and to a series of minor studies. The major problems concern the inter-

relation of the adrenal and thyroid glands, with special reference to the study of clinical hyperthyroidism, the effect of a pituitary hormone on tumors of the thymus, the determination of certain ketones by means of ultra-violet spectroscopy, and the metabolism of estrogens.

The Medical Services (continued)

*New Children's Orthopedic Clinic—Rehabilitation Clinic Established—
Deafness, Speech, Equilibrium Are Subjects of Otolaryngological
Investigations—Radio-Therapists Study New Techniques in Treatment
of Cancer of the Larynx, Uterus and Lungs*

OTOLARYNGOLOGICAL SERVICE

THE Otolaryngological Service has completed a number of studies which deal with problems of deafness, speech, equilibrium, plastic surgery, carcinoma, and bronchoscopy. Special attention has been given to pure-tone audiometry and to the study of focal infection; special facilities have been established in order to assist the development of each of these important types of research.

ORTHOPEDIC SERVICE

The Orthopedic Service has been engaged in an extensive reorganization of its out-patient department. The purpose of this reorganization is the provision of better care for children afflicted with skeletal disease. A special children's orthopedic clinic has been established and meets twice weekly. Its staff includes not only orthopedists but also a pediatrician, a psychiatrist, a social worker and a field worker for the Association for the Aid of Crippled Children. The general orthopedic clinic is now being amplified to include special groups for the study of such conditions as fractures, scoliosis, congenital deformities of the feet and faulty posture.

Under the aegis of the Department of Pathology a special section of osteopathology has been created. This section serves as a center for research on problems of osteopathology and in addition is engaging in the assembly of a collection of normal and abnormal microscopic preparations, which will constitute a museum of osteopathology.

Research projects undertaken by the Orthopedic Service during the current year dealt with fractures of the hip, Gaucher's disease and reparative osteogenesis. In association with the physics laboratory, a study of osteogenesis has been undertaken by the use of radioactive tracer materials.

NEUROLOGICAL SURGERY

The investigative activity of the service has dealt with such problems as cerebral arteriography, wounds of the brain, and tumors of the brain and spinal cord. The operation of interruption of frontal pathways was undertaken several times; its evaluation remains for the future.

DEPARTMENT OF RADIOLOGY

The department has continued a vigorous program of clinical research, devoted chiefly but not exclusively to the investigation of diseases of the cardiovascular

system, with special emphasis on congenital lesions and on lesions remediable by operative means. In such cases much of the diagnostic burden necessarily falls on the roentgenologist, who thereby is often presented with opportunities for making observations in normal and pathologic physiology. Thus it is possible for a modern and active department of radiology to function as a center for clinical investigation and for teaching in clinical physiology. In accordance with these principles, the research activities of the department have been closely allied with the activities of the cardiovascular research group and have embraced such topics as the study of blood gases, peripheral blood flow and intracardiac electrocardiography.

DEPARTMENT OF RADIOTHERAPY

During the year 1948 the Radiotherapy Department embarked upon a program of investigative work based on collaboration with the Department of Physics and with various clinical departments. This was made possible by the appointment of an associate physicist, who devotes at least half of his time to research projects. New techniques for the treatment of cancer of the larynx, uterus, and lungs are under study. The effect of radiation on the growth of bone is being investigated, with special reference to idiopathic scoliosis. The uptake of radiophosphorus by neoplastic tissue forms the subject of another investigation. Members of the department participated in the work of the tumor clinic along with groups from several medical and surgical departments. This is an excellent example of the type of cooperative work which is made necessary by the highly specialized character of modern medicine.

DEPARTMENT OF PHYSICAL MEDICINE

During the past year the demand for the services rendered by the department has increased. This increase is attributable to the steadily widening appreciation by clinicians of the benefits which properly directed physical therapy can confer in the treatment of disease and in the alleviation of suffering. The recently established rehabilitation clinic, which meets daily, has produced an additional increase in the work load of the department. An increasingly close relation has developed with two departments which care for many of the patients who need physical treatment, i.e., the Neurological Service and the Orthopedic Service. Special rehabilitative measures have been arranged for hemiplegics.

DENTAL SERVICE

Postgraduate classes were given in oral medicine, chemotherapy and oral cancer; the latter were conducted cooperatively with members of the Tumor Clinic. The weekly seminars in oral pathology have been expanded and are attracting an increasing number of visitors. A broad program has been initiated for the rehabilitation of persons suffering from cleft palate. In this program the psychologic,

and the social as well as the articulative problems of the patient are reviewed in the consideration of the surgical problem. In this program the psychiatric service has been actively involved. Histologic studies of the accessory salivary glands of the palate have yielded information which may have a bearing on the studies of the reticuloses. Other investigations dealt with the reaction of the gingival capillaries to nutritional deficiencies and with the relation between disease in infancy and malocclusion.

The Medical Services (continued)

72 Psychiatrists Now on Staff—Work on Sensation and Vision Extended—Virology Laboratory Opened—New Method for Evaluating Fungicides—Surgery Group Investigation Involves Exclusion of Heart and Major Vessels by Means of Extracorporeal Shunts

PSYCHIATRIC SERVICE

THE year was devoted to a continuation of the organizational development of the Psychiatric Service. This was true especially in relation to the Division of Child Psychiatry, which began primarily as a child guidance clinic and has been expanded in a number of directions, special emphasis being placed on liaison service between the pediatric pavilion and the pediatric out-patient department. A clinic devoted to adolescent patients has been started.

The attending staff of the Psychiatric Service has continued to grow and at present includes 72 psychiatrists, who function in various departments of the Hospital. The year witnessed a continuation of the research program. Emphasis was given to problems involving the interrelation between the psychic and the somatic state of persons suffering from chronic inflammatory disease of the intestinal tract or from fistulae. Much of this work has been done in collaboration with gastroenterologists, including the physiologist in charge of the gastroenterology research laboratory.

NEUROLOGICAL SERVICE

In addition to its usual clinical and educational activities, the Neurological Service has continued its program of research. One member of the staff has extended his work on sensation and vision; some of the observations were reported before an international congress at Edinburgh. Another member of the staff has carried out neurophysiologic investigations of ocular movements. Electroencephalographic studies, begun in previous years, have been continued; these have dealt especially with disturbances of carbohydrate metabolism. Studies of arteriography in cases of cerebral thrombosis and hemorrhage were completed and were reported at the Chicago meeting of the American Medical Association.

PEDIATRIC SERVICE

Dr. Murray H. Bass having reached the retirement age, the service is being conducted by the associates. Dr. Bass and his predecessor, Dr. Bela Schick, have functioned as consultants to the service and have given valued advice. The Out-Patient Department has been partly reorganized. The new schedule, which calls for fewer sessions of the general clinic, has resulted in an increased patient load per clinic session.

The Pediatric Service continues to derive great benefit from its close association with the Psychiatric Service. Not only do the patients receive the improved modern treatment which accords due attention to the mental and emotional life of the

child but the pediatric staff is acquiring a steadily deepening appreciation of the influence of these factors on organic disease. With the cooperation of the Department of Bacteriology, a virology laboratory has been set up under the supervision of Dr. Alfred Florman. Members of the pediatric staff are investigating the nephrotic syndrome, the absorption of amino acids and mineral metabolism. One member of the department has been working in hematology under the guidance of Dr. Nathan Rosenthal and has been active in the care of children afflicted with hereditary diseases of the blood. The teaching of undergraduate medical students continues. Two to five students from the College of Physicians and Surgeons are assigned to the department on a full-time schedule every two months. Their presence has been a stimulus both to the attending and the resident staff. Two, forty-hour courses were given for postgraduate students.

DERMATOLOGICAL SERVICE

Research continues to be a major interest of this service. A new method has been developed for the evaluation of fungicides. With the collaboration of members of the Department of Chemistry, progress has been made in the development of a method for the identification of small amounts of certain fatty acids. Other investigations have dealt with fungicidal components of crude penicillin, with the mechanism of the dermatitis which is sometimes caused by adhesive plasters, and with the routes of administration of pyribenzamine. Courses in dermatology and venereal diseases were well attended. At the request of Columbia University the department will establish a course in industrial dermatology for postgraduate students.

SURGICAL SERVICES

The Gastric Surgery group has continued the active physiological investigations initiated in previous years. Special attention has been devoted to the problem of vagotomy, a subject which must inevitably arise in any surgical service on which numerous cases of gastric and duodenal disease are treated. Attention has also been given to the influence of secretion on the function of the pancreas and gall bladder. The value of subtotal gastrectomy in the treatment of chronic pancreatitis is under investigation. In cooperation with the X-Ray Department, studies have been made of the portal circulation in the living patient.

The Intestinal Surgery group has carried out an appraisal of certain major surgical procedures which are employed in cases of malignant disease of the large intestine. Another study, carried on in cooperation with a member of the Gastric Surgery group, has for its purpose a consideration of gastric function in cases of resection of the esophagus with transplantation of the stomach into the chest. Such cases involve complete vagotomy and hence are suitable for evaluation of the Hollander insulin test. One member of the service has been studying anastomosis of the aorta in young animals; these animals will be kept under prolonged observation and should yield information as to processes of growth and repair. The Intestinal

Surgery group has participated in a collaborative study of certain chronic inflammatory diseases of the intestinal tract, including especially ulcerative colitis and regional ileitis. An effort will be made to evaluate the consequences of surgical intervention in such cases. Encouraging results have been obtained with a new procedure employed for the treatment of esophageal varices.

The Thoracic Surgery group has completed a follow-up study of patients who were subjected to operation for patent ductus arteriosus complicated by subacute bacterial endarteritis. These cases, which constitute the first reported surgical cures of such infections, have been followed for periods as long as 9 years. A notable feature has been the absence of reinfection. A series of operations for patent ductus arteriosus in the adult was one of the largest to be reported. We have had no mortality following this operation, either in adults or children, since 1940. The service has made a general review of all the cases of bronchial adenoma which have been treated here, the disease having been for several decades the object of special interest at this Hospital. Other clinical studies have dealt with lung abscess, intrathoracic neurofibroma, resuscitation after cardiac arrest, and the treatment of thymic tumors. The service has also been active in laboratory research and has undertaken experimental studies on intra-arterial injection, on the evaluation of the Fick principle, and on the influence of thoracotomy on cardiac output. An ingenious investigation now in progress involves the exclusion of the heart and major vessels by means of extracorporeal shunts.

UROLOGICAL SERVICE

The Urological Service continued its investigative work in the treatment of acute renal insufficiency, studies being made by means of the artificial kidney, intestinal irrigation and peritoneal lavage. Other investigative work has dealt with such subjects as the technique of prostatectomy, the pulmonary metastases of hypernephroma, and the treatment of infections of the urinary tract. A member of the resident staff collaborated in an interesting study of the effect of hyaluronidase on urinary calculi.

GYNECOLOGICAL SERVICE

In accord with current practice the Gynecological Service has greatly shortened the term of confinement to bed in postoperative cases. This has resulted in a decrease in the incidence of certain postoperative complications and by shortening convalescence has acted to increase the availability of facilities which the Service offers.

The adoption of certain radical techniques of surgery has increased the hope of cure in certain cases of malignant disease. The service gave two postoperative courses, which dealt with recent advances. Semi-annual examinations in gynecology and obstetrics were conducted on behalf of the National Board of Medical Examiners. Thirteen articles prepared by members of the department have been published or are in press.

OPHTHALMOLOGICAL SERVICE

The Ophthalmological Service has completed for publication a series of twelve studies, chiefly clinical. Research on glaucoma, always a major interest of the service, has continued; emphasis has been placed on the development of the lability test for the diagnosis of early cases. Instructional motion picture films prepared by members of the Service have aroused wide attention. The heavy schedule of postgraduate teaching has been continued. Several additional courses were given by special request.

The Medical Services (continued)

Students from 16 Foreign Countries Participate in Postgraduate Program — Increase in House Staff Is Noted — Hospital Was Host to Many Distinguished Lecturers — Some Courses Given in Association with Columbia University — Veterans' Gift Aids Library

MEDICAL EDUCATION

DURING the year the educational program of the Hospital progressed satisfactorily. The number of interns was increased to 24. The number of assistant residents and residents living in the Hospital amounted to 75. Eighteen of these senior house staff members served as surgical residents in the semi-private and private pavilions. The medical residencies in the semi-private and private pavilions were abolished. This was possible because the number of assistant residents in general medicine was increased to twelve and each of the medical assistant residents could now be assigned for three months as resident in medicine in the semi-private and private pavilions. In this way the medical patients in the semi-private and private pavilions were taken care of by residents who had been carefully trained in the wards of the Hospital.

In addition to the 75 assistant residents and residents who received board, lodging and a monthly stipend from the Hospital, there were 27 residents who lived outside the Hospital. Finally, 32 physicians worked as full-time postgraduate students in the Hospital for periods of six months or one year. The functions of these full-time postgraduate students are comparable to that of a resident. There were ten residents who, having fulfilled their clinical assignments, received basic science training in Columbia University.

The house staff Clinical Pathological Conferences, lectures, conferences and demonstrations in anatomy, pathology, and radiology, especially organized on behalf of the house staff continued.

Teaching of undergraduate students was carried on in the Department of Pediatrics where third-year students of Columbia University received a two-month period of training as clinical clerks. This teaching continued throughout the year with a new group of two to five students entering every two months.

As in previous years the Hospital participated in the Annual Graduate Fortnight in the New York Academy of Medicine. Several members of the staff delivered lectures and contributed to the scientific exhibits.

The Blumenthal Auditorium, the Clinical Amphitheatre, and various lecture rooms were almost constantly filled by audiences of practitioners and students who were attracted to the weekly Clinical Pathological Conferences and the weekly Grand Rounds of many of the clinical services.

A number of lectures by distinguished visitors were given at the Blumenthal Auditorium.

DR. B. C. J. G. KNIGHT, of the Department of Biochemistry, Wellcome Physiological Research Laboratories, Beckenham, Kent, England, delivered one of the William Henry Welch Lectures on "Essential Metabolites and Anti-Metabolites."



WARD ROUNDS ON THE FIRST MEDICAL SERVICE

- DR. TOM D. SPIES, Chairman of the Department of Metabolism and Nutrition at Northwestern University School of Medicine, Chicago, Illinois; Director of the Nutrition Clinic, Hillman Hospital, Birmingham, Alabama, delivered the other William Henry Welch Lecture on "Recent Studies on Deficiency Diseases."
- DR. JEAN OLIVER, Professor of Pathology, Long Island College of Medicine, delivered the Edward Gamaliel Janeway Lecture on "The Structure of the Metabolic Process in the Nephron."
- DR. JOSE TRUETA, Barcelona, D.Sc. Hon. Oxford, F.R.C.S. Hon. Canada, delivered the Isidore Friesner Lecture on "The Renal Circulation."
- D. MICHAEL HEIDELBERGER, Ph.D., Professor of Biochemistry at the College of Physicians and Surgeons, Columbia University, and Chemist to the Presbyterian Hospital, New York City, delivered the sixth Bela Shick Lecture on "Immunity in Children and Adults as Indicated by the Formation of Antibodies."

The 1948 series of Wednesday evening lectures partly on "Recent Advances in Surgery" and partly on "Recent Advances in Pathology" included the following lectures:

- DR. G. GLEN SPURLING, Clinical Professor of Surgery (in charge of neuro-surgery), University of Louisville, School of Medicine, Louisville, Kentucky, spoke on "Lumbar Intervetebreal Disc Lesions."
- DR. OLIVER COPE, Assistant Professor of Surgery and Visiting Surgeon, Department of Surgery, Harvard Medical School, Boston, Massachusetts, spoke on "The Treatment of Hyperthyroidism in Transition from Surgical to Medical."
- DR. JAMES W. WATTS, Clinical Professor of Neurosurgery, George Washington University, Washington, D. C., and DR. WALTER FREEMAN, Professor of Neuropsychiatry, George Washington University, Washington, D. C., spoke on "Pain and Disability."
- DR. CHARLES B. HUGGINS, Professor of Urological Surgery, University of Chicago, Chicago, Illinois, spoke on "The Diagnosis of Disease by Enzymatic Methods."
- DR. ROBERT ELMAN, Associate Professor of Surgery, Washington University, St. Louis, Missouri, spoke on "Protein Needs in Surgery."
- DR. ALLEN O. WHIPPLE, Clinical Director of the Memorial Hospital, Emeritus Valentine Mott, Professor of Surgery, Columbia University, New York City, spoke on "Essential Factors in the Lesions of the Pancreas Amenable to Surgery."
- DR. ROBERT E. GROSS, Associate Visiting Surgeon, Children's Hospital, Boston, Massachusetts, spoke on "Surgery in the Early Months of Life."
- DR. WILLIAM E. EHRLICH, Professor of Pathology, Graduate School of Medicine, University of Pennsylvania, Philadelphia, Pa., spoke on "The Functional Significance of the Various Leucocytes."

Among the other interesting lectures, an outstanding one was that given by:

- DR. BERNARD N. HALPERN, of Paris, France, who lectured on "The Role of the Capillary Permeability in the Production of Acute Pulmonary Edema and the Action of the Synthetic Antihistaminic Substances in This Syndrome," and on "Experimental and Clinical Researches on a New Series of Antihistaminic Substances Derived from Phenothiazine" in Lecture Room 3-B, under the

joint auspices of The Mount Sinai Hospital and The American College of Allergists.

The monthly Seminar on the History of Medicine continued to develop as one of the important educational activities of the Hospital. The papers which were presented at the Seminar were of high quality and several are being prepared for publication.

The development of the Library has continued in a highly gratifying way. In 1948, the Library received a liberal donation from the Mount Sinai veterans of the Second World War. This gift has made possible the purchase of an interesting collection of modern books. A special book plate has been designed for this collection.

A large number of postgraduate courses in the several fields of medicine, surgery, and specialties were given in affiliation with Columbia University. During the academic year 1947-1948, 302 students enrolled for 762 courses. Of the 302 participants, 170 were veterans. The students came from 19 states of the United States and from 16 foreign countries.

The Medical Services (continued)

Research Conducted on the Clinical Services Discussed — Problem of Space Limited Hospital's Extensive Investigative Work and Denied Opportunity to Some Young Medical Scientists — Projects of Various Groups Seen Coordinated by Research Administrative Committee

CLINICAL RESEARCH

THE research activities in the basic laboratory sciences are described in the reports of chiefs of the respective laboratories, and, therefore, only the researches conducted on the clinical services will be discussed in this section.

The problem of space continues to be vexatious and difficult, and constant supervision and rearrangement is necessary in order that existing facilities for research shall be used to the fullest. This practice of maximum utilization has caused excessive crowding in all of the laboratory rooms available to the clinical services, and the clinical research activities are consequently suffering from constriction. As a result, several promising projects have had to be denied and opportunities for scientific and professional development have been lost to capable young medical scientists.

The laboratories recently constructed on the roof of the Administration Building have enjoyed full activity. An especially fortunate arrangement is that of the Nutrition Laboratories. These are situated in close proximity to the former isolation ward, which has been converted into a special research ward for study of the diseases of metabolism and nutrition. One room in this ward has been set aside for use as a microplethysmographic laboratory and has yielded a rich return in the form of new clinical and physiological observations on cardio-vascular diseases. Nearby the space formerly known as the medical roof and formerly used for convalescent patients has become a hive of research activity occupied simultaneously by several groups of active clinical research workers. The virology laboratory has been transferred to improved quarters in the Central Laboratory Building. Research in endocrinology and in antibiotics is now conducted in the laboratory annex.

The various research groups organized under the guidance of the Research Administrative Committee have given unity and direction to much research activity which otherwise would tend to develop in the form of unconnected fragments. In this manner, individual clinical investigators who formerly worked in isolation now conduct their research activities as cooperating members of the research group pertaining to their special branch of medicine. Each of these research groups is headed by a team leader who is available as an advisor to all members of the groups and who is responsible for encouraging cooperation between them on overlapping aspects of their work. Seminars are held monthly by each research group, at which progress is reported and experiences as well as helpful criticisms are exchanged.

There are now seven such groups in operation on the medical services, cardio-vascular physiology, endocrinology, allergy, metabolism and nutrition, hematology, parasitology, and chemotherapy. Although each member of the chemical staff

undertaking research is responsible for his own project to the Director of Clinical Research and through him to the Research Administrative Committee, their working relationship within a group has resulted in improved team-work so that many research projects now dovetail with one another and move forward toward a common long-range objective.

BACTERIOLOGY LABORATORIES

Tests for Diagnosis of Viral Infections — Use of New Drugs in Treatment of Amebiasis — Method Devised for Determining Daily Fluctuations in Some Ameba Populations — Vitamin B₁₂ Deficiency under Study — Program of Instruction for House Staff Augmented

IN 1948, 31,818 examinations were made. Although the total number differs but little from 1947, there was, however, a notable increase in the number of certain time-consuming procedures, namely, blood cultures (12%) and penicillin susceptibility and blood level determinations (50%). In addition, it may be of interest to note that further progress was made by several newer units devoted to special routine diagnostic studies, namely:

Drs. Clifford L. Spingarn and Morton H. Edelman, assisted by a technician, have continued to do excellent work on parasitic infections. Six hundred and eighty stool specimens were examined microscopically for ova and parasites. Intestinal parasites were found in 105 (15.4%) of all specimens examined.

These routine examinations were accompanied by research studies dealing with the growth of cultures of trophozoites of *Endameba histolytica*. A method was devised for determining the daily fluctuations in ameba populations following the inoculation of culture tubes with small numbers of amebae. The data was used to construct curves of normal amebic growth. The action of various drugs on the growth curve of *E. histolytica* was also studied. An analysis of the results of these studies is in preparation and will be submitted for publication.

The influence of streptomycin and penicillin on initiating growth cultures of *E. histolytica* from cysts present in stools was investigated further. The use of streptomycin in doses varying from 1.0 to 10.0 milligrams per milliliter of serum-saline overlay increased the percentage of positive cultures of trophozoites obtained from stools containing cysts of *E. histolytica* from 8 percent in the controls to 73 percent. The use of the drug produced varying degrees of bacterial inhibition, protected the rice starch against starch-splitting bacteria, and suppressed *Blastocystis hominis*.

The use of new drugs in the treatment of amebiasis was evaluated wherever possible.

Dr. Alfred L. Florman has carried out with the aid of a technician a number of tests for the diagnosis of viral infections, notably, complement fixation tests for mumps, rickettsial pox, typhus, Eastern equine encephalitis, St. Louis encephalitis, Rocky Mountain spotted fever; agglutinations for mumps, influenza and atypical pneumonia and animal and egg inoculations for mumps, influenza, and herpes viruses. In addition, there have been also carried out investigations on the pattern and interrelationship of antibodies produced in mumps; and the epidemiology of mumps in family groups.

The previously organized Nose and Throat Bacteriology clinic continued to function successfully. A considerable amount of information accumulated permits intelligent interpretation of the role of the bacterial flora of the upper respiratory tract in the causation of local and focal infections.

The chemotherapeutic unit continued the testing of resistance of microorganisms to penicillin and streptomycin and in the determinations of the blood levels of these drugs in patients. Useful service has been rendered by evaluating the efficacy of a variety of new drugs. In the late part of 1948, there were introduced methods for the study of newer antibiotics, namely, polymyxin, aureomycin and chloromycetin.

Investigations by Dr. Schneierson were devoted to the serological and biological characteristics and resistance of non-hemolytic streptococci isolated from subacute bacterial endocarditis; to the role of high penicillin blood levels achieved with caronamide in penetrating the blood brain barrier; to the method of continuous arterial injections of penicillin which bring about significant high penicillin levels in the bone marrow; and, finally, to the enhancement of penetration of penicillin into inflamed and normal mucous membrane by hyaluronidase. Several publications have appeared and others are in press.

Dr. Ely Perlman has continued his study on the antigens in Ragweed pollen which has progressed to the point where a small amount of an electrophoretically homogeneous fraction has been obtained. This fraction is very active serologically. The fraction appears to be a protein since tyrosine concentration roughly parallels its serological activity and tryptic digestion of the material destroys its activity. Work is in progress with a large batch of freshly collected ragweed pollen.

A method for the quantitative determination of pyribenzamine, thenylene, neo-antergan and several other antihistaminic compounds has been devised by Dr. Perlman. The method permitted studies on the rate of excretion of orally and intravenously administered pyribenzamine.

Dr. Meyer D. Schnall has continued his electronmicroscopic studies of normal human sperm. It is of interest to note that some specimens disclosed the presence of distinct flagellae which may be short and blunt or exceedingly long and thin. If further corroborated, these studies may alter the present concept concerning sperm mobility and migration in the fertilization process. It is proposed to continue the observations with the sperm of infertile males.

Dr. Harold Abramson's studies dealt mainly with lung permeability to phenosulphonphthalein aerosols. It may prove possible to predict by means of the lung permeability studies how much of the aerosol in a given individual may be deposited in the permeable areas of the lung. In collaboration with Dr. Peshkin, observations were made on the permeability of the human skin to allergens.

Dr. Louis E. Siltzbach has continued his investigations of Sarcoidosis. The work has been carried forward to the point where 50 patients have been skin-tested with a suspension of sarcoid tissue with 80 percent positive results in patients with proved sarcoidosis. More than 125 biopsies of the test areas have been performed. An attempt will be made to isolate the active fraction from the test suspension. Also, work on the possibility of elaborating a complement fixation test for sarcoidosis is planned.

Dr. Gregory Schwartzman in collaboration with Drs. Max Adler and Lotte Strauss has continued his studies supported by the Commonwealth Fund and The

National Foundation on the properties of irradiated vitamin B₆ and related problems on the role of this vitamin in bacterial and animal nutrition. A significant finding was the production of vitamin B₆ deficiency in the Syrian hamster.

The ability to produce the deficiency in the hamster is of special interest from the point of view of the role of nutrition in infection, notably the effect of the vitamin upon the susceptibility to viral and bacterial diseases. The relationship can be easily studied in this animal since it is naturally susceptible to a great variety of bacterial and viral infections. It was noted that vitamin B₆ deficiency in the hamster results in the loss of lymphoid tissue. Inasmuch as this tissue is important in immunological processes, the advisability of studying the relationship of the vitamin to infections is obvious. Some studies in this direction are well under progress.

Certain aspects of investigations on the vitamin B₆ deficiency in the rat, now under way, proved also to be of interest in view of a new finding that the B₆ deficiency is capable of producing a serious disturbance in water metabolism. The disturbance is related directly or indirectly to a functional disturbance in the adrenals.

A great deal of effort has been expended on the chemical characterization and isolation of the antibacterial factor in irradiated vitamin B₆ (pyridoxamine). Since the material is available only in small quantities, the active principle had to be accumulated gradually before proceeding with the chemical studies. We shall now be in a position to proceed with the task more efficiently, although a great deal of preliminary information has already been assembled.

A series of electron microscopic studies on trypanosomes has successfully progressed. It appears that the electron microscopy of these organisms may be of use for differential diagnoses. It was also possible to visualize by means of the microscope the mumps and herpes viruses.

In addition to the training in the clinical routine procedures, the staff of the Department of Bacteriology has instituted a regular weekly schedule to complement the instruction of the residents in Antibiotics and Mycology, Virology, Parasitology, Serology, Blood Grouping and Rh, Tuberculosis, Immunochemistry, Chemical Procedures in Bacteriology and Allergy and Skin Testing. Furthermore, there have been arranged periodic demonstrations of the Electron Microscope, Ultracentrifuge, Beckman Spectrophotometer, Flame Photometer, Warburg Apparatus, Lumetron, Lyophile Apparatus, Chromotography and Counter Current Distribution Apparatus, and Animal Room and Techniques.



THE CHEMISTRY LABORATORY, LIKE OTHER CLINICAL AND RESEARCH LABORATORIES IN THE HOSPITAL, IS LIMITED ONLY BY THE INADEQUACY OF PHYSICAL FACILITIES.

CHEMISTRY LABORATORIES

Use of New Electrophoretic Analysis of Blood Proteins Seen as a Boon to Clinical Medicine — Method Attracts Wide Professional Interest — Research Project Throws New Light on Nature of Vitamin 'A' Molecule — Department Ends Phase of Its Studies on Adrenochrome

THE annual statistics of routine analyses in Chemistry and Clinical Microscopy will be found elsewhere in this report. A comparison of the list of blood constituents, offered by our Central Laboratory in 1948 with that of 1928, illustrates the progress made in the tools for diagnosis, prognosis and the follow-up of therapeutic measures.

BLOOD ANALYSIS		URINE ANALYSIS
Listed in 1928	Additions 1928-1948	Listed in 1928
Albumin/Globulin	Aminoacids Nitrogen	Arsenic
Bilirubin	Aminoacids Tolerance	Bence-Jones Protein
Calcium	Amylase	Lead
Carbon Dioxide, Contents	Cephaline Flocculation	Mercury
Carbon Dioxide, Capacity	Cholesterol, Ester Distrib.	pH
Chlorides	Electrophoresis Pattern	Sugar Quant.
Cholesterol, Total	Iodine	Urobiline
Creatinine	Lecithin	
Icteric Index	Magnesium	Additions 1928-1948
Lipoids, Total	Oxygen, Contents	Barbiturates
Non-Protein Nitrogen	Oxygen, Capacity	Creatinine Tolerance
Phosphate	Phosphatase, Alkaline	Galactose
Protein, Total	Phosphatase, Acid	Hippuric Acid Excretion
Sugar	Potassium	Keto Steroids
Sugar Tolerance Test	Salicylate	Pancreatic Function
Urea Nitrogen	Sodium	Sugar, Type of
Uric Acid	Sulfanilamide	Tyrosine
	Thiocyanate	Vitamin C Excretion

The quantitative determination of sodium and potassium is now being done by the use of the flame photometer. This apparatus, which has been placed in the Children's Pavilion, allows rapid serial determinations on small amounts of serum and other fluids. The Thymol Turbidity Test has been added to the diagnostic procedures for differentiation of hepatic conditions. The colorimetric determination of the albumin-globulin fractions has been replaced by a method that achieves accurate results in a shorter time. The analysis of renal calculi is now being done by X-ray diffraction in the Physics Laboratory for a trial period, in order to evaluate the merits of this new method as opposed to the customary complete chemical analysis. The method for the determination of the "hormone iodine" in the blood has been perfected and is now available as a diagnostic procedure in hyperthyroidism. This objective method has proved of considerable value to the clinicians in obscure cases. Amongst these is the electrophoretic analysis according to Tiselius of blood proteins. Instead of mere percentages for the albumin and globulin content of the blood, this method yields for each serum specimen a graphic record, showing the quantity of about five different serum proteins, and revealing any abnormalities in their quality as well as quantity. The elaborate semi-automatic equipment for this method, put at our disposal by its manufacturers, is used day and night in order to provide analysis of specimens in rare and obscure conditions under investigation in the Departments of Pathology, Internal Medicine and Pediatrics. A steady stream of visitors from other Hospitals, Universities and Research Institutes bears testimony to the importance of the application of electro-

phoresis to clinical medicine. The apparatus serves also for the analysis of protein solutions required in intravenous nutrition, hormonal preparations, and bacterial proteins. Auxiliary equipment such as an apparatus for removal of salts by rapid diffusion has been developed in connection with this work. The adaptation of the electrophoresis apparatus to the so-called adsorption analysis of mixtures of fatty acids will be mentioned below.

Blood Iodine Studies.—In addition to the introduction of this method as a routine procedure to which we have referred above, a study has been completed, showing that the hypermetabolism state, accompanying such diseases as leukemia, hypertension and heart failure, is not of thyroid origin, but is mediated by another mechanism.

Renal Tests.—A small laboratory has been organized and equipped for renal clearance studies and renal vein catheterizations. A technician has been trained to perform the requisite work for insulin and para-aminohippuric acid, creatinine and chloride analyses in blood and urine. Numerous renal clearance studies for measurement of renal blood flow and glomerular filtration rates in patients have been performed to date. An article on "The Renal Clearance of Endogenous 'Creatinine' in Man" has been published.

Chemotherapy of Hypertension.—Under a grant from the Life Insurance Medical Research Foundation, the chemical work on adrenochrome, mentioned in the preceding Annual Reports, has finally proved successful. The laboratory has now produced a number of water-soluble and heat-stable derivatives of adrenochrome which may be sterilized and injected in considerable concentration.

Vitamin A.—The interest of the laboratory in the synthesis of vitamin A continues. We have elaborated a synthesis of ionone, starting from easily available simple chemicals. In the course of this work a number of novel features of the vitamin A molecule have been revealed which throw new light on the remarkable specificity of this unique vitamin.

Endocrinology.—The staff of this research team, which works under the joint supervision of the Department of Medicine and this Department, has been substantially enlarged, and installed in a new and larger laboratory. The work has concerned itself essentially with the following problems:

1. The continued study of the "alarm reaction."
2. The effect of ACTH upon thymic tumors in myasthenia gravis.
3. Extensive and careful metabolic studies on the effects of ACTH on the urinary excretion of the neutral 17-keto steroids, the 11-hydroxy steroids and estrogen.
4. A procedure has been developed for the determination in the urine of α,β -unsaturated 3-ketones by ultraviolet spectroscopy.
5. A study was inaugurated in conjunction with the Department of Pathology on the effect of hormonal agents on the ground-substance of the cox-comb. The intent of this study is to investigate the factors influencing the formation and alteration of collagenous tissue.

Studies of Skin Excretions.—In collaboration with the Department of Dermatology, methods have been developed for the study of fatty acids and other com-

ponents of sebum, the excretion of the glands of the skin, under such abnormal conditions as in acne as well as in normal controls. Some of these fatty acids have attracted interest because of their fungicidal properties and they may contribute to the natural defense of the body against such fungus disease as "athlete's foot." The microanalysis of mixtures of fatty acids is still in its infancy. By X-ray crystallography promising results have been obtained, in collaboration with Drs. Fankuchen and Kaufman of the Polytechnic Institute of Brooklyn, in the identification of individual fatty acids of varying molecular size from pinpoint-size samples in various proportions.

Branched Fatty Acids.—Small amounts of branched fatty acids, in contrast to the normal "straight chain" molecules of the commonly occurring fatty acids, occur in wool-fat, others in the fat of tubercle bacilli. Under a grant from the U. S. Office of Naval Research a novel type of branched fatty acid is being studied, some of which bears a formal resemblance to chaulmoogric acid, a naturally occurring compound, used in the therapy of leprosy. The physical properties of derivatives of these acids, especially their behavior in monomolecular films, are under investigation.

Osteogenic Extracts.—The Chemistry laboratory has participated in a study of extracts of bone and of marrow in preliminary experiments, undertaken by members of the Orthopedic Service; such extracts have been shown to produce spontaneous bone formation in some of the soft parts of the body. Although this investigation is beset with great technical difficulties, its significance for the practice of bone-grafting and other problems of orthopedic surgery offers a fascinating outlook.

Thermophil Microorganisms.—The first year of our study of thermophil bacteria and algae, obtained from hot springs, soil, and similar sources, has been successful beyond expectation. This project, which is under the auspices of the U. S. Public Health Service, has been carried out, for its greatest part, at the Hopkins Marine Station of Stanford University, because of the vicinity to great sources of valuable material and also not to tax further our limited laboratory space. The continuous advice and counsel of Prof. C. B. Van Niel of the Marine Station has been indispensable to the progress of the experimental work and is gratefully acknowledged. The Chemist to the Hospital participated during two visits.

Lectures, Seminars, and Other Educational Activities.—Members of the Departmental Staff have presented papers on "Analogues of Vitamin A" at the Washington Meeting of the American Chemical Society and on the "Decomposition of Agar by Thermophilic Bacteria" at the Meeting of the same Society. "Recent Clinical and Experimental Studies on Adrenocortical Hyperfunction" were presented at the Graduate Fortnight of the New York Academy of Medicine. The new "Compact Electrophoresis Apparatus for Clinical Purposes" and its function were demonstrated at the Science Exhibit of the American Association for the Advancement of Science in Chicago; a contribution to the clinical applications of electrophoretic analysis formed part of a symposium at the Polytechnic Institute of Brooklyn.

The Physiological Chemistry Seminar offered lectures by Dr. J. Brachet of the University of Brussels on "Interrelation between the Nucleus and the Cytoplasm

in Embryonic Development;" Dr. Z. I. Kertesz of Cornell University on "Pectic Substances, Their Chemistry and Physiology;" Dr. H. Svensson of the University of Upsala on "The Interpretation of Multi-Component Electrophoresis Patterns" and Dr. A. E. Alexander of Cambridge, England, on "Application of Surface Chemistry to Biological Problems." The 1948/49 Season of the Seminar was inaugurated by a lecture on "Enzymatic Synthesis of Megamolecules" by Dr. S. Hestrin of the Hebrew University of Jerusalem.

In addition to the customary instruction of the pathology residents in the required routine chemistry procedures, and the instruction of a number of new technicians, a Special Course was given by the Assistant Chemist on "Modern Methods of Clinical Chemistry." The operation of the Chemistry Laboratory has gained in efficiency and smoothness by the return to peacetime conditions and by a noticeable improvement in courtesy, willingness and general morale of the personnel. The entire staff is looking forward with great interest and high expectations to the erection of the new Laboratory Building.

GASTROENTEROLOGY RESEARCH LABORATORY

Study Completed on Appetite of Patient with Cardio-Esophageal Obstruction — Chronic Emotional Influences Are Found to Be a Greater Factor Than Physiological Considerations — Investigation Continues into Methods of Collecting Gastric Aspirates as Aid to Diagnosis of Gastric Cancer

THE studies concerned with the physiology, chemistry, and histology of mucus secretion in the digestive tract—with particular relation to the problem of gastric cancer—have continued as in previous years, to be of major importance in this Laboratory. This long-range project has included a variety of interrelated lines of investigation, under a grant from the National Advisory Cancer Council (U. S. Public Health Service), which grant has been renewed for 1949. The results of this year's activities are as follows:

1. Several different methods for collecting gastric aspirates to be used in the Papanicolaou methods for diagnosis of gastric cancer have been studied in patients. It is hoped that the results of this investigation will prove of value when the Papanicolaou diagnostic method for gastric cancer is adopted in this Hospital.
2. A study was conducted of the histological changes in dogs' gastric mucosa which follow repeated stimulation of the mucus secreting apparatus. Apart from its implications for further work in relation to the etiology of gastritis and the physiology of mucus secretion, this investigation is important in explaining the chronic nature of human peptic ulcer as it results from repeated ulceration with alternating healing. An analogous line of work has already been started with rats and mice, in preparation for a study of experimental gastric cancer in these animals.
3. One of the etiological factors in gastro-duodenal ulcer disease appears to be some kind of a defect in the mucus-secreting apparatus. During the last year we have treated a series of such patients with eugenol emulsion, which was proven to be an excellent mucigogue in our previous studies with dogs. There has been a striking relief of symptoms, especially in the gastric ulcer cases, but proof of true therapeutic effect must await prolonged follow-up studies.
4. A satisfactory method for determining the mucin content of gastric juice in patients with different disorders of the stomach is badly needed for clinical as well as for research purposes. During the latter part of 1948, an organic chemist was added to our group, and a comparative study of these methods has been initiated. It is hoped ultimately to devise a simple analytical procedure that can be used for routine as well as investigative purposes.

The Laboratory, in close collaboration with the Surgical Service "C" and the Gastrointestinal O.P.D., has continued to investigate the physiological problems associated with vagotomy for peptic ulcer by means of gastric analysis and clinical history.

Another phase of the vagotomy problem was investigated during 1948 by an experimental study in animals designed to clarify some of the antagonistic effects on

gastric secretion which result from mild versus intense stimulation of the vagal apparatus. The work has not yet progressed far enough to permit of an interpretation of results at this time.

The study on appetite in a patient with cardio-esophageal obstruction and jejunostomy for alimentation which was being carried on for the Quartermaster Food and Container Institute of the War Department, is now completed and publication of the results has been authorized. It was concluded that any physiological variables affecting the patient's appetite, at least during the latter part of this study, were subordinate to chronic emotional influences. This project constitutes a pilot investigation of considerable importance for the planning of similar researches by the Quartermaster Food and Container Institute. Also it has led to an extensive investigation in human psycho-physiology in which this Laboratory is now collaborating with the Psychosomatic service and the Gastrointestinal O.P.D. of this Hospital. During the past year, these psycho-physiological studies have included patients with fistulae of the stomach and ilium as well as jejunery.

The predigested aliment for intra-jejunal feeding, formulated in this Laboratory continues to find routine use in different divisions of the Hospital. The preparation is now being made in the dry state for investigational purposes, by a reputable pharmaceutical firm, so that the burden of its preparation in the Hospital can ultimately be eliminated. In addition to the quantity of such dry material made extramurally, the annual consumption of material prepared in our Diet Kitchen in 1948 was about 1,800 liters.

Intensive physiological studies on the pancreas in human beings—with particular reference to diseases of that gland—have been conducted, using secretin and mecholyl. Secretin tests of pancreatic function are being done for chronic pancreatitis, pancreatic carcinoma, obstructive jaundice, and post-cholecystectomy syndrome. A preliminary report of the results in 145 cases was made before the American Gastroenterological Association and was published this year. A second report on norms to be used as a basis for routine testing of this kind, both here and elsewhere, will be presented before the American Physiological Society in 1949. This project has been carried on with the continuing collaboration and support of Wyeth, Inc.

In order to restrict radiation treatment to the gastric mucosa, for ulcer, a technique was devised whereby radioactive phosphorus-32 is brought in direct contact with the gastric mucosa of dogs' Heidenhain pouches. Experiments using this technique have already indicated that there is marked reduction of gastric pouch acidity following a suitable dosage of radiation, and there may even be a complete anacidity, though not a permanent one. This work is still in progress.

Educational and Extramural Activities.—The department has continued to participate in several of the clinical courses given at this Hospital, in addition to offering its own courses in Clinical Physiology of the digestive tract, and of water and electrolyte balance. All of these are included in the Columbia University post-graduate program. In keeping with the current Hospital program for the post-graduate training of doctors along research lines as well as in the clinic, eleven physicians were engaged in the research activities of this Laboratory during the

past year. Most of these held appointments as Research Assistant, and several were attached to the attending surgical staff or that of the Gastrointestinal O.P.D. Extramural lectures and conferences, and society meetings at which our work was reported include: The Jersey City Medical Center; Columbia College Medical Society; Continuation School (Postgraduate Medical Division), University of Minnesota (Kellogg Lecture); University of Minnesota Medical School, second Phi Delta Epsilon lecture; American College of Physicians (Philadelphia); Surgery Study Section, National Institute of Health, U.S.P.H.S. (Bethesda); Gastric Cancer Conference—National Cancer Institute (San Francisco); American Gastroenterological Association, National Meeting and American Physiological Society (Atlantic City).

DEPARTMENT OF PATHOLOGY AND ALLIED DEPARTMENTS

Postgraduate Education, a Major Activity—Number of Publications Reflects Scientific Work of the Department—Implication of Connective Tissue in Disease a Subject of Study—Neuropathology Group Investigating Relationship of Trauma to Brain Tumor

ROUTINE.—During the year 1948, 305 autopsies, including 163 examinations of the cerebrospinal system, were performed and a total of 7,693 surgical specimens were submitted for diagnosis.

Education.—Training of postgraduate students in anatomic pathology continued to be one of the important activities of the department. Opportunities of intensive training were offered to graduates who plan to make a career in laboratory medicine. The number of such students must be limited by realistic consideration, because we must take into account the limitations of positions open to the candidates after the completion of their training. During the past year two men who had received more than two years of instruction passed the examination of the American Board of Pathology. Shortly afterwards they were appointed as Director of Laboratories in the Menorah Hospital, Kansas City, Missouri, and in the Saint Francis Hospital, Rochester, New York, respectively. Three others of this category will continue their training supported by stipends provided by the Board of Trustees. A far greater number of postgraduate students (14) received training in the facts and principles of anatomic pathology in preparation for a career in Medicine or Surgery. These trainees have devoted a period of about one year of full-time work in the department; most of them were former members of the House Staff of the Hospital. It has been the educational policy of this department, founded upon the experience of many years, to introduce the student not only to the facts but also to the intrinsic reason of the disease process.

Two courses of general and surgical pathology were offered under the auspices of Columbia University. The staff of the department also participated in the teaching of Internal Medicine.

The weekly Clinical-Pathologic Conferences in cooperation with the Attending Physicians of the Hospital continued to attract the physicians of the metropolitan area. The bi-weekly Clinical-Pathologic Conferences were again offered by Drs. Otani and Snapper to the members of the House Staff.

Research.—The appended list of publications, which have appeared in medical journals in the past year, illustrates the result of the scientific activity of the department. Attention is called to a number of papers which were published by the junior members of the department. The major problem of the department concerns itself with the connective tissue and its implications in disease. Investigations were carried out in cooperation with the department of Physics on the molecular constitution of bones as well as large arteries. Another line of research was undertaken in cooperation with the Endocrinologic section of the department of Chemistry and the Medical Service to determine the influence of hormones upon the mucinous ground substance of the collagenous tissue. The problem

of the relation of homeostatic mechanisms to lesions of the gastrointestinal tract was further studied.

The Neuropathology laboratory continued its teaching and research activities. The papers which appeared from this department are included in the list of publications. Experimental studies are in progress which attempt to establish the events which precede and determine spontaneous cerebral hemorrhage. Investigations are also being carried out on the relation of trauma to brain tumor. These are in addition to the investigation of unusual cases observed at autopsy.

In the division of bone pathology studies were made on the mode of healing of bone grafts. These experimental investigations were carried out not only with the modern techniques of histo-chemistry, but also with the aid of radioactive tracer substances. In addition to investigative work, progress was made in the building up of a collection of slides illustrating normal development and normal histology of bones, as well as morbid processes of the skeleton. This collection is used in the training of residents and postgraduate students.

The Ophthalmology-Pathology laboratory was engaged in experimental studies of the effect of Diathermy on the structures of the eye.

Outside Lectures.—During the past year lectures were delivered at the invitation of several medical institutions in the United States. Members of the Neuropathology laboratory addressed the American Neurological Association, the American Association of Neuropathologists, the New York Neurological Society, and the North Jersey Medical Society. A member of the department of Pathology gave a Buntz lecture at the Cleveland Clinic, Cleveland, Ohio; addressed the American Cancer Society of the Missouri branch, St. Louis, Missouri; the Hawaiian Territorial Medical Association, and was invited by the Honolulu County Society to give a series of ten postgraduate lectures on various topics of pathology. Another member of the department of Pathology addressed the New York State Medical Society and the Roentgen Society of New York.

LIST OF PUBLICATIONS FOR 1948

(From the Laboratories)

1. BECKER, P. B., AND VOGEL, P. "Kernicterus." A Review with a Report of the Findings in a Study of Seven Cases. *J. Neuropath. and Exper. Neurol.*
2. EPSTEIN, JOSEPH A. "Vagotomy." *J. Mount Sinai Hospital.*
3. GLOBUS, JOSEPH H. "DDT (2,2 BIS [P-Chlorophenyl] 1,1,1-Trichlorethene) Poisoning. Histopathologic Observations on the Central Nervous System in So-Treated Monkeys, Dogs, Cats and Rats." *J. Neuropath. & Exper. Neurol.*
4. GREEN, MARTIN A. "Gargoylism (Lipochondrodystrophy)." *J. Neuro. and Exper. Neurol.*
5. KLEMPERER, PAUL. "Pathologic Anatomy and Biology." *Hawaii Medical Journal.*
6. ———. "The Reticulo-Endothelial System." *Hawaii Medical Journal.*
7. ———. "The Pathogenesis of Lupus Erythematosus and Allied Conditions." *Annals of Internal Medicine.*
8. ———. *Introduction in Textbook of Pathology*, edited by Anderson, W. A. D. The C. V. Mosby Company, St. Louis.
9. ———. "Certain Anatomic-Pathologic Aspects of Hemorrhage." *Annals Academy of Science.*

DEPARTMENT OF PATHOLOGY

10. MOSCHCOWITZ, ELI. *The Pathogenesis of Laennec's Cirrhosis.*
11. ———. *The Pathogenesis of Hypertension and the Portal Circulation (Congestive Splenomegaly).*
12. ———. *The Morphological Backgrounds of Lipoid Nephrosis.*
13. OSTOW, MORTIMER, AND BERMAN, SIDNEY. "Aneurysms of the Anterior Portion of the Circle of Willis Causing Cerebral Hemorrhage." *J. Mount Sinai Hospital.*
14. SIFFERT, ROBERT. "The Demonstration of P₃₂ in Bone." *Science.*
15. SACONE, ANDREA, AND EPSTEIN, JOSEPH A. "Granuloblastoma, a Primary Neuroectodermal Tumor of the Cerebellum." *J. Neuropath. and Exper. Neurol.*
16. STRAUSS, LOTTE. "The Pathology of Gargoylism." *American Journal of Pathology.*

PHYSICS LABORATORY

The Department Notes Increased Emphasis on Application of Radioactive Isotopes in Diagnosis and Therapy, and as a Research Tool—Radioisotope Group Named for Clinical Work—Course in Nuclear Physics in Medicine Given—Residents Trained in Radiotherapy

IN the activities of the Physics laboratory during 1948 the emphasis has been on the further development of the diagnostic and therapeutic applications of radioactive isotopes and on their utilization as a research tool.

Routine.—In addition to the standardization of radiotherapy machines and the maintenance and repair of therapeutic and diagnostic equipment in various departments of the Hospital, the laboratory has been engaged in the following work in the care of Hospital and Out Patient Department patients:

1. *Radioactive Isotopes.*—The Committee for Radioactive Isotopes of the Medical Board has established a Radioisotope Group which consists of the physician, members of the Physics laboratory staff and members of the clinical Hospital staff. This group does the clinical work with radioactive isotopes. This work was integrated with the Out Patient Department by the establishment of a Radiophysics Clinic, which is a part of the Special Therapy Clinic. This work is carried out in close collaboration with the Tumor Clinic of the Hospital.

A. *Iodine.*—Over 300 diagnostic tracer studies were performed, including profile measurements, a technique which was developed in the Hospital during the previous year. One hundred and twelve cases of Graves' Disease and 24 cases with cancer of the thyroid gland were treated.

Excretion and uptake studies of radioactive iodine have offered an additional diagnostic criterion in thyroid disorders. Profile measurements of iodine uptake have been particularly useful in differential diagnosis of thyroid tumors, both of benign and malignant nature.

B. *Phosphorus.*—Radioactive phosphorus has been used extensively in therapy (polycythemia, leukemia, carcinoma). Most of this work was done in collaboration with the Hematology Department.

Radioactive material was supplied by the Atomic Energy Commission and it was processed, measured and prepared for administration to patients in the laboratory. Considerable progress in the precision and reliability of standardization measurements was achieved during the year. It is believed that at present dosage information with radioactive isotopes compares favorably with deep X-ray therapy.

2. *Microplethysmography.*—The technique of microplethysmography, which was introduced in the Hospital during the preceding years, has become an integral part of the diagnostic work-up in patients with congenital heart defects, coarctation of the aorta and hypertension. It is also used routinely as a contributory criterion in the decisions on therapeutic approach and in the evaluation of the results of the instituted therapy.

3. *X-ray diffraction analysis* which was undertaken in the laboratory for purposes of research, has found a use in diagnostic routine. All urinary calculi are now examined and analyzed by this method.

4. A systematic survey of all Hospital personnel exposed to radiation (X-ray, radiotherapy, etc.) was begun. This is done by various methods—using monitoring film badges, personnel ionization chambers and area monitoring instruments. The results to date indicate that safety measures in the Hospital are more than adequate, even on the basis of newer and more stringent tolerance requirements.

Education.—Four residents in Radiotherapy have been trained in the fundamental and practical aspects and measurements of radiation physics, including application and problems in connection with radioactive materials.

A sixteen-week course in Nuclear Physics in Medicine was given to the staff of the Radiotherapy and Radiology Departments in the Hospital, and a similar course was conducted as a postgraduate class with 16 students during the winter of 1948–1949.

The Physics laboratory staff has also participated in case presentations on Grand Rounds and one Clinical Conference was devoted to the work of the laboratory.

Under auspices of Columbia University, the Physicist conducted a course in physics for Residents in Physical Medicine appointed to several New York City Hospitals under the sponsorship of the Baruch Committee on Physical Medicine. In addition, a course in physics was given for physiotherapy technicians under training at Columbia University.

The Physicist also participated in the preparation of the exhibit on “Man and the Atom” at the Golden Jubilee celebration of Greater New York. The purpose of this exhibit was the education of the lay public in the biological and medical application of nuclear energy. The Hospital received an award for this work from the city.

Research. 1. *Radioactive Isotopes.*—*A.* The problem of reproducible measurements of radioactive isotopes in terms of millicuries was studied and considerable progress was made in collaboration with six other hospitals in the city engaged in similar work. While the uncertainty in these measurements throughout the country as a whole exceeds 30 percent, the measurements in New York agree within 5 percent. This work was reported by the Physicist at the Symposium on Radioactive Iodine at Brookhaven in the Summer of 1948.

A new type of ionization chamber for standardization measurements was built in the laboratory and is used at present both in research and for routine measurements.

B. Since the abnormally functioning thyroid gland takes up iodine from the blood at a different rate and to a different extent than a normal gland, investigations were carried out on changes in blood iodine, uptake of iodine in the gland and its excretion in urine, using radioactive iodine as a tracer.

Uptake rate in the gland and changes in blood level for radioactive iodine are subjects of current investigations.

C. Differential uptake of radioactive phosphorus in malignant tumors is studied in collaboration with the Radiotherapy Department. The purpose is to find a method of preliminary diagnosis of malignant tumors before biopsies are performed.

D. A method for blood volume measurements using red blood cells tagged with radioactive phosphorus has been developed, which appears to be of considerably higher precision than dye methods used at present. After further control experiments, consideration will be given to introducing this as a routine method.

E. An electroplating apparatus was constructed in the laboratory for plating out iron from blood for assay of radioactive iron. Techniques for use and measurement of radioactive iron in the blood were developed with small amounts of radioactive iron obtained from a cyclotron. As soon as larger amounts can be supplied by the Atomic Energy Commission, the work of iron metabolism in anemia will be initiated.

F. Autoradiographic techniques have been developed in collaboration with the Orthopedic Service to study phosphorus metabolism in bone, with special reference to healing in of bone grafts.

G. Preliminary investigations were conducted in collaboration with the Cardiology Department necessary for the use of radioactive potassium in connection with the problem of potassium effect on the heart.

H. Radioactive phosphorus has been used in collaboration with the Radiotherapy Department and the Gastroenterological Research Laboratory in the attempt to produce gastric anacidity in the stomach with the ultimate purpose of a causal treatment of stomach ulcers. A technique was developed to expose the stomach mucosa to the short range radiation of radioactive phosphorus and this technique was applied in dogs. The required dosage was determined and permanent anacidity was achieved in animals which were adequately treated.

2. *Radiotherapy.*—In the treatment of Larynx Carcinoma with deep X-rays, no precise dosage information was available. Thin ionization chambers were developed for measurements of isodose curves in neck phantoms. These isodose curves were determined and are now available for evaluation and modification of the techniques.

3. *X-ray diffraction studies* on increased molecular orientation in the tendinous structure of the heart with aging have been completed, and work on molecular changes in the molecular structure of bone in neoplastic disease were begun with encouraging results. This work was done in collaboration with the Pathology Department. It was supported by a grant from the American Cancer Society.

4. *Microplethysmography.*—The elucidation of the humoral, neurogenic and morphologic mechanisms in peripheral vascular pathology has made further progress. Investigations of pharmacodynamic response of arterioles and capillaries in their correlation to blood pressure changes are being continued.

5. The laboratory has collaborated with the Cardiovascular Research Group in techniques and methods of blood-oxygen measurements, of intracardial electrocardiography and intracardial pressure measurements and recording. An amplifier was designed and built in the laboratory for the use of strain gauges for this purpose.



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THE SCHOOL OF NURSING

New President Is Elected — Enrollment Returning to Pre-War Level — School's Graduates Are Its Best Recruiting Aid — New Teaching Method Earns Greater Student Interest — Visitors from Abroad Study School's Operations — Training Program for Nursing Aides

THE year 1948 has been a significant one for nursing education. Professional nursing in the United States reached its seventy-fifth year and celebrated its Diamond Jubilee. This year marks the sixty-seventh year in the history of the Mount Sinai Hospital School of Nursing which has now graduated 3,301 nurses.

During 1948, 93 students entered the School; 28 in February and 65 in September. At the annual graduation exercises on February 9, in the Blumenthal Auditorium, 81 nurses were graduated. The Commencement was made particularly enjoyable by the stimulating address of the guest speaker, Dr. Harry S. Mustard, Commissioner of Health.

During the year a study was made of sources through which students enter our School. In order of maximum referrals these are: graduates of the School, physicians, graduates of other schools of nursing, students in the School, comparison of school catalogues, advertising, high school teachers, former patients here, and knowledge of the School's reputation. An analysis of the states represented by students admitted in 1948 showed: New York State 56 (39 from New York City and vicinity), Pennsylvania 11, Connecticut 10, New Jersey 9, Massachusetts 1, Rhode Island 1, Virginia 1, Minnesota 1, Vermont 1, California 1, Kentucky 1.

The Cadet Nurse Corps Program was terminated in October 1948, when the last group of cadet students were graduated after completing their assignment at a Veterans Administration Hospital.

During the year the Hospital nursing situation definitely improved. While we do not have as many nurses as are needed at all times, we are nevertheless able to a far greater extent than in recent years to fill requirements and to provide better nursing service. The same trend is beginning to reflect itself in inquiries and applications for entrance to the School for next fall. There appears to be a real pre-war interest in this respect and, at the present rate of inquiries, we should in September 1949 once more have an entering class similar in size to those before the war. We have reason to believe that increasing interest is universal and it is hoped that this portends a renewal of the interest of young women in the nursing profession.

It is noteworthy that even though the number of our entering class in September was only 63, never before did we have so few who were dropped or who resigned after entering.

Our students are doing a fine job in the hospital where they are assigned for clinical experience. We have had most favorable comments about the character and ability of students out on affiliation to other hospitals for teaching and experience in fields not provided by our own Hospital.

In September an important change was made in the uniform of preliminary students. These students now wear the plaid uniform of the School without the

bib and cap. An allowance of \$25 is returned to a student leaving during the preliminary period. This arrangement safeguards the plaid uniform from being worn except by students in the School.

A number of physical improvements in the School of Nursing Residence were completed during the year. The Library and Infirmary were redecorated with restful, attractive colors. Also, the graduating Class of 1948 presented five excellent reproductions of well known paintings for the library. Further improvements are now under consideration by the House Committee of the Board of Directors, of which Mrs. George Lee is chairman.

The Committee on Library of the Board of Trustees of the School, under the leadership of its chairman, Mr. William Kridel, report increases in the number of library books. Owing to this and the stimulating guidance of the School Librarian, there has been a marked increase in the use of the library by the students.

During the year the State Department of Education delegated the evaluation of scholastic entrance records to the faculties of the professional schools of nursing. The transfer of this function is an expression of the State Department's belief that this is a function which rightfully lies within the province of a professional school.

The courses of study and clinical experience included in our curriculum have been carried out as planned. Considerable attention has been given to the newer methods of ward instruction. The group conference method of teaching has created greater student interest in learning because of more active participation. The nursing arts and science instructors have reevaluated the content and sequence of courses presented in the preclinical period, with the result that changes have been made in course outlines in order to eliminate repetition and provide better correlation of subject matter. The students have continued to take the achievement tests set up by the National League of Nursing Education. The scores made demonstrate the excellence of instruction in the School. Further evidence is the gratifying results of the State Licensing examinations, which were taken and passed by 78 of our graduates during the year.

There were a number of faculty changes during the course of the year. While we regret the loss of the services of some of our former faculty, it is gratifying to report that the School was able to obtain able replacements. Also to be noted is the appointment to the lecturing staff of Dr. Leonard Druckerman, surgery; Dr. Boris Gueft, pathology; and Dr. Arthur Sohval, medicine—all noted physicians and surgeons associated with the Hospital.

The faculty committees were particularly active during the year. They had a heavy burden in reviewing and making suggestions for the new maternity pavilion, construction of which is under way. A special committee on awards to graduating students and the Committee on Instruction of the Board of Trustees have spent a great deal of time reviewing the system of awards, with the aim of improving it.

Our faculty has been represented at many other state and national meetings of the professional organizations.

THE SCHOOL OF NURSING

During the summer months nurse executives from Chile, Denmark, Palestine, Philippines and Canada visited our School and Hospital to observe our educational program teaching methods and administrative policies.

In April the New York City League of Nursing Education sponsored a three day Institute. The faculty was invited to present a program on the psychosomatic approach in a general hospital. Dr. Mouchley Small, Dr. Solon Bernstein, Miss Mathilde Reich, and Miss Estelle Becker participated. Three hundred nurses attended this meeting which was held in the School of Nursing Residence.

During 1948 the National League of Nursing Education reported on a study of nursing service in hospitals where non-professional workers were assigned. This study was undertaken because it was realized that hospitals were still faced with shortages in nursing personnel and that many duties in a nursing service could be performed by nursing aides. In consonance with this report our faculty recommended last year that we begin an in-service program for training nurses aides and in September the plan was approved by the Hospital Officers. Twenty-two aides were trained during the year. Sixty hours of instruction are given during a five week period. When the aides are not in class they are assigned to wards where they work as a member of a team with a professional nurse. The duties assigned to the aides are carefully selected and close supervision of their work is exercised. We have already found this type of auxiliary worker to be an asset.

As a result of an amendment to the by-laws of the school, there is no longer a consulting medical staff. In its place provision is made for a school physician and a medical committee of three members. Dr. E. Z. Epstein, the physician to the school, continued to render valuable and conscientious service to the students. The Medical Committee now consists of Dr. Ralph Colp, Chairman, Dr. Saul Jarcho and Dr. Alfred Fisher.

The census of the school and nursing department as of November 31, 1948, follows:

Principal, School of Nursing and Superintendent of Nurses.....	1
Assistant Principal	1
Assistant Superintendent of Nurses.....	1
Supervisor of Instruction.....	1
Administrative Assistant	1
Instructors	11
Librarian	1
Supervisors	12
Assistant Supervisors	7
Head Nurses	79
General Duty Nurses.....	140
Per diem general duty nurses to help fill vacancies.....	44
Students enrolled in the School.....	202

The annual meeting of the Board of Directors of the School was held on April 27. Having been elected President of The Mount Sinai Hospital, Mr. Alfred L. Rose, who for so many years was President of the School, was no longer eligible

for reelection as President of the School. His fine leadership over so many years will be greatly missed. Consolation, however, will be found in the fact that the Hospital will enjoy the benefits of his ability and devotion. The new officers for the year who were elected at this meeting are as follows: President, Charles A. Riegelman; Vice-Presidents, Joseph F. Cullman, Jr., and Joseph S. Reckford; Treasurer, William D. Scholle; Secretary, Harold D. Wimpfheimer, and Assistant Secretary, Randolph Guggenheimer.

In closing this report, I wish to add that we are greatly indebted to the Principal of the School, Miss Grace A. Warman, and her staff and the faculty for the successful administration of the work of the School and of the Nursing Department of the Hospital. The School is fortunate indeed in having such leadership. It would be no exaggeration to state that without the great ability and extraordinary interest which they gave to the work of the School, its progress and successful administration could not have been achieved.

CHARLES A. RIEGELMAN, *President*

OFFICERS AND MEMBERS OF THE SOCIAL SERVICE AUXILIARY

MRS. ALFRED A. COOK.....*President*
 MRS. MYRON I. BORG.....*Vice-President*
 MRS. HENRY S. GLAZIER.....*Treasurer*
 MRS. SIEGFRIED F. HARTMAN.....*Assistant Treasurer*
 MRS. ROBERT M. BENJAMIN.....*Secretary*

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 Mrs. Paul Baerwald
 Mrs. Robert E. Binger
 Mrs. William M. Cahn, Jr.
 Mrs. Arthur J. Cohen
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 Mrs. John Rosenthal
 Mrs. Edward J. Rosenwald
 Miss Edith Sachs
 Mrs. William D. Scholle
 Mrs. Henry Siegbert
 Mrs. Frank L. Weil

THE SOCIAL SERVICE DEPARTMENT

Staff Members Assess Own Work at Meetings—Closer Teamwork Among Physician, Nurse and Worker—City Welfare Changes Affect Department's Operations—Orientation Course Stresses Patients' Needs—Shortage of Trained Personnel Burdens the Professional Staff

FOR sometime it has been our intention to review the casework activities of the Department and during the past year a beginning was made toward this end. A number of staff meetings were devoted to a discussion of the functions of a caseworker in a hospital setting and each worker completed an analysis of her particular job assignment under the guidance of one of our supervisors. This enabled the individual worker to examine her own performance, her role within the setting of her service, the types of problems referred to her, and the procedures followed. The director and the supervisors have been given an opportunity to review and study each worker's activities as a basis for possible adjustments in the future.

Further progress has been made during the year in effecting a closer working relationship among physician, nurse and social worker. Weekly conferences with the residents on the various services were held regularly. The caseworkers also were invited to join in the conferences held by the nurses in charge of the wards and the student nurses, at which time selected patients are presented for discussion of their medical, nursing and social needs.

On the Psychiatric Service the caseworkers participated in all conferences held by the psychiatric staff. In the Child Guidance Clinic two conferences were devoted entirely to the presentation by social workers of cases in which modern casework procedures were defined. The treatment of parents was also a subject of much interest.

At the request of the Conference Committee on Social Service of the Medical Board, chaired by Dr. M. Ralph Kaufman, a pamphlet entitled "The Social Service Department of The Mount Sinai Hospital—Its Organization and Functions" was compiled by our director, Mrs. Louis Mendelsohn, and was distributed to all physicians affiliated with the Hospital. Many favorable comments were received, as well as requests for copies from interested individuals and organizations. The Department is grateful to Dr. Kaufman and his committee for their interest in our work and their willingness to give us the benefit of their counsel at all times.

There has been continued difficulty in obtaining trained personnel and one of our case supervisory positions has been vacant since September. It was not until June that we were able to add a much-needed third worker to the Child Guidance Clinic. A complete turnover of our occupational therapy staff left this department depleted for a number of months. Our case aide project has been in existence six years and has proved its value during this period. The case aides, who are college graduates but lack professional training or experience in social work, relieve our trained social workers of the simpler duties. During the past six years we have had a total of 34 aides, six being on the staff at present. The

experience they receive often guides their vocational decisions and future plans. Consequently, a number have dropped out of the social work field entirely, while eight have subsequently graduated from schools of social work and are now holding positions in casework agencies; others are continuing to take courses at various schools of social work.

The closing of the Neustadter Home for Convalescents in November for extensive building alterations necessitated our using other convalescent facilities for adult patients. The Solomon and Betty Loeb Memorial Home for Convalescents and the Winifred Masterson Burke Relief Foundation have been most helpful in this regard. It is, however, too soon to report on the problems which may arise in the placement of the cases referred to us for convalescent care.

The summer therapeutic program provided country care of 345 children and 12 mothers who were sent to 24 different camps and homes. Although a small number of our families have been able to move to new housing projects, the housing problem, particularly in East Harlem, where many of our patients live, is still acute.

The reorganization of the Department of Welfare has affected the work of the Department in various ways, mainly because of confusion resulting from redistricting and policy changes. In several instances, we found that patients experienced considerable delay in receiving relief upon their discharge from the Hospital, which necessitated our giving temporary assistance. Patients, who have had their relief status terminated because of employability but who are unable to find work, come to us to intercede for them in being reinstated. Fortunately, the care of the chronically ill and the aged who are on the relief rolls has been made easier through the agency's ready acceptance of their need for assistance in the home. In general, however, the care of the chronically ill continues to be a problem.

The shortage of hospital beds for tuberculous patients, adults and children, has resulted in long waiting lists. It is hoped that this lack in the community will receive early attention.

Our faithful volunteers, averaging 119 per month, gave over 1,000 more hours of service than in 1947. With the exception of the summer months, we have been able to fill most positions available to volunteers. The Hospital is deeply grateful to the large number of volunteers who are so regular in attendance and so interested in the work they are doing.

The newly appointed staff in the Occupational Therapy Department under the guidance of the Head of the Physiotherapy Department has been putting greater emphasis on functional rehabilitation of patients, but there is still a considerable amount of diversional therapy work done on the wards.

The Social Service Workroom which affords a program of rehabilitation for some of our patients held a sale in November. The articles made by the patients were very attractive and were sold for \$5,670. This enables us to meet the cost of necessary materials, to remunerate the patients and to pay part of the salaries of the workers in the Workroom.

THE SOCIAL SERVICE DEPARTMENT

This year our Orientation Course, given by Mrs. Louis M. Loeb, a member of our Board, was geared to interest both our new members and those who have served on the Board of the Social Service Auxiliary for several years. Mrs. Loeb was well equipped to undertake this educational program because of her academic training and years of experience in the Hospital and a number of social agencies.

The course familiarized the group with new developments throughout the Hospital. Clinics, wards, laboratories and other hospital departments were visited and a number of doctors and other hospital personnel spoke to the group. Service to the patient was the focal point of the course and it included community resources available to the patient, as well as the many services within the Hospital and the Social Service Department. Attendance at our regular case meetings was an integral part of the course.

We are grateful for the financial support of The Federation of Jewish Philanthropies and the United Hospital Fund which enabled us to continue a major part of the work of our Department. Contributions from the members of our Board and others interested in our activities were also very much appreciated.

As in past years the members of our Board gave time and effort to our varied activities. We welcomed Mrs. John A. Herrmann and Mrs. William M. Cahn, Jr. as additional members. To our professional staff, as well as to our lay group, we wish to express appreciation of their participation in the care of the patients provided by the Hospital.

Respectfully submitted,

RUTH M. COOK, *President*
Social Service Auxiliary



NEUSTADTER HOME IN WESTCHESTER COUNTY

OFFICERS AND DIRECTORS OF THE NEUSTADTER FOUNDATION

MRS. WALTER A. HIRSCH.....*President*
 LOUIS W. ABRONS.....*Vice-President*
 LEONARD A. HOCKSTADER.....*Treasurer*
 CARL J. AUSTRIAN.....*Assistant Treasurer*
 MRS. SAMUEL A. SICHER.....*Secretary*

DIRECTORS

Louis W. Abrons	Mrs. Walter A. Hirsch
Carl J. Austrian	Leonard A. Hockstader
Joseph F. Cullman, Jr.	Mrs. Hugo Kastor
Mrs. Henry H. Elias	Mrs. Joseph Klingenstein
James Felt	Mrs. Percy W. Lansburgh
Albert Forsch	George Lee
Mrs. Arthur H. Harlow	Mrs. Samuel A. Sicher
Mrs. Edwin C. Vogel	
Herman Zazeela, M.D., Attending Physician	
Mrs. Genevieve O'L. Edmonds, Superintendent	

THE NEUSTADTER HOME

Convalescent Facility in Westchester Undergoes Modernization and Adds a Wing — Need for Services of a Psychiatrist Is Noted — Occupational and Recreational Therapy Finds Expanded Programs Helpful to Patients — Cooperation with the Hospital Is Cited

THE past year at Neustadter was an unusually busy one, and there were many difficult problems to solve. Most important was the planning for the modernization and rehabilitation of the Home.

In 1948 we had 819 patients as compared with 864 in the previous year. There were 302 males and 517 females; 804 patients came from Mount Sinai Hospital and 15 from other sources. The lower census was due to a number of circumstances, among them the closing of some of the wards at the Hospital during the year because of epidemics, and the closing of Neustadter early in December (our year ends December 31st).

Sixty-four percent of the admissions came directly from the Hospital to the Home. We believe that this was chiefly due to the efforts of the Social Service Department and particularly to the efforts of Miss Elizabeth Dixon, in charge of Convalescent Care at Mount Sinai.

During the year 22 patients developed complications severe enough to require transfer back to the Hospital—three by ambulance and 19 by taxi.

The average length of stay of the patients remains about the same each year. This year it was 21 plus days. The average gain in weight also seems about the same, being 3.10 pounds per patient stay for 1948 (last year it was 3.39 pounds). The number of patient-care days was 16,614 as compared with 18,117 in 1947. The average cost per patient-day in 1948 was \$6.56 as compared with \$5.28 in 1947.

We are glad to report that the fees received from patients (the sliding scale instituted at Neustadter at a maximum of \$3.00 per day), amounted to \$15,788.26 as compared with \$9,395.05 last year. This increase would indicate that the economic status of our patients was higher. We had 102 patients on City support, for which the City paid \$5,016.35, a substantial increase over 1947 when we had 99 patients on City support for whom there was paid \$2,662.40. This increase was due to the raise in per diem payment by the City from \$2.00 to \$2.85 on July 1, 1948.

The over-all expenses of running Neustadter for the first eleven months of 1948 were \$108,988.37. Last year our total expense for the full year was \$92,347.92. Considering the advance in salaries and the higher food and maintenance costs, we feel that this is a reasonable increase.

We had a number of psychosomatic cases during the year. These patients have been a disturbing factor and have stressed the need for at least the part-time services of a psychiatrist upon the reopening of the Home. We also had some patients who developed psychopathic states while convalescing. These patients had no previous psychiatric history.

In 1948 we also had a few acutely ill cases which presented difficulties. We must take into consideration whether building up the morale of these patients is

sufficiently important to compensate for the disturbing effect their presence has on the other patients.

Dr. Zazeela has made a detailed survey of every type of patient at the Home this year which is available to anyone interested.

I would like to say a word about our Occupational and Recreational Therapy Department, under the continued able direction of Mrs. Hedwig Planner. Mrs. Planner arranged for the usual outdoor picnics in the summer, for various types of entertainment in the winter, including different forms of music, dancing and plays in which the patients took part, etc. There were special holiday celebrations at Easter, Purim, Thanksgiving and Christmas. Among the innovations during the year, was an improvised beauty salon. The patient paid a small fee if she was able, otherwise the Home absorbed the cost. The morale lifting effect of this service has been very marked.

As mentioned earlier, 33 1/3 percent of our patients in 1948 were special diet cases. In spite of increased food costs, etc., Mrs. Adler was able to provide these special diets in a most efficient manner.

We purchased a food cart so that patients on special diets could eat in the same dining room with those on regular diets and have their meals really hot. Patients on special and regular diets eating at the same time, in the same dining room had definite therapeutic values.

We have further liberalized our admitting policy so that instead of two admitting days a week, we now admit patients on any day.

Mrs. Edwin C. Vogel, Chairman of the Survey Committee, her co-chairman, Mr. James Felt, and the entire Committee have worked selflessly, and effectively to make possible the New Neustadter. A special tribute should be paid to Mrs. Vogel for her devotion to this difficult job.

On June 29th, it was decided to proceed with the rehabilitation of the Neustadter Home and the building of the new Weinman wing. We are grateful to the entire Survey Committee for their excellent work.

It is with deep appreciation that we acknowledge the generous gift of Mrs. Hugo Kastor, which is to be used for equipping the new therapy rooms and for the purchase of a television set. We express our thanks also to the many others who by their generosity have added to the happiness of patients at Neustadter.

We have been fortunate in getting the cooperation of the Mount Sinai Trustees, and the Director of the Hospital, Dr. Martin R. Steinberg, in helping us to provide facilities for our professional and domestic staffs during the closing of the Home. They have also been of inestimable help in providing for convalescent care for patients who would ordinarily go to Neustadter.

We can hardly give enough emphasis to the advantages gained by the close affiliation of a Convalescent Home with a Hospital. The relationship between Neustadter and Mount Sinai has proven conclusively the value of such an affiliation.

We owe a special debt of gratitude to Dr. Turner, Dr. Steinberg, Mrs. Mendelsohn, Miss Dixon, Miss Warman, Mr. Cubberly, and many others on the Mount

THE NEUSTADTER HOME

Sinai Hospital staff who have at all times shown a willingness to serve the best interests of Neustadter.

It would be impossible to express adequately the appreciation of the Board of Neustadter for the outstanding services rendered by Dr. Zazeela, our medical director; Mrs. Edmonds, our very able and conscientious superintendent, and Miss Rathburn, head nurse. We are also grateful to all others of the professional and domestic staff. I wish to thank also the Neustadter Board, for without their continued loyalty, Neustadter could not have maintained its high standard of service.

HORTENSE M. HIRSCH, *President*

FORM OF BEQUEST

I give and bequeath to The Mount Sinai Hospital of the City of New York, incorporated in 1852.

the sum of
to be used for.

The Mount Sinai Hospital **NEEDS**

FOR THE PROPOSED INSTITUTE OF BIOGENETICS

Founders (150)	\$10,000
1 Formula Room	35,000
1 Pre- and Post-Natal Clinic	75,000
5 Delivery Rooms	35,000
6 Nurseries	35,000
2 Roof Solaria	35,000
Memorial Beds in Perpetuity	10,000
4 Fathers' Rooms	7,500

FOR THE PROPOSED LABORATORY BUILDINGS

Buildings (additional funds still needed)	\$750,000
<i>To Equip Completely a Series of Laboratories, including Experimental, Diagnostic and Therapeutic Research Facilities, in:</i>	
Experimental Physiology	125,000
Biophysics	100,000
Bacteriology	100,000
Cardiac Physiology	75,000
Hematology	75,000
Neurophysiology	75,000
Gastrointestinal Physiology	75,000
Museum	75,000
Neuropathology	35,000
Immunology	35,000
Chemotherapy	35,000
<i>To Equip and Furnish Research Rooms in:</i>	
Electron Microscope Room	25,000
Gastric Physiology	15,000

(Continued on page 4 of this insert)

A BRIEF STATEMENT OF THE

The cost of operating the Hospital was.....	\$4,555,600
To meet a part of this cost, patients paid to the Hospital.....	2,875,921
The difference is the total philanthropic expense for the year.....	1,679,679
This philanthropic expense was met in greater part by generous grants from the Federation of Jewish Philanthropies, the United Hospital Fund, the Greater New York Fund, the City of New York, etc., and income from general endowment funds, leaving a net deficit for the year of.....	46,984

* * * * *

An analysis of the cost included in the above total operating expenses of the Hospital revealed that:

Approximately \$3,792,000 was spent for the care of 16,091 patients who were admitted to the Hospital. Of these patients, almost 53 percent were cared for in the wards, free or below cost.

Approximately \$536,000 was spent in the Hospital's seventy-seven Out-Patient clinics for care of needy patients.

Approximately \$227,000 was spent for Social Service work for 8,555 patients, to help solve economic and social problems which prolonged illness so often involves.

The above operating expenses do not include approximately \$339,000 spent for medical and scientific research, postgraduate medical education, and other

FINANCIAL PICTURE FOR 1948

projects not classified as annual maintenance of the Hospital. These activities are supported by funds which have been donated by generous sponsors and allocated for such purposes.

The future of our Hospital is dependent upon the rebuilding of its capital funds. Large deficits of the past nineteen years have drawn upon reserves, donated in prior years, to the extent of over two and three-quarter million dollars. These deficits could have been avoided only by curtailing in quantity or quality, or both, the services rendered by the Hospital to the sick poor of the City.

To meet the increased needs of the community and to keep abreast of new horizons in medicine, our Trustees formulated in 1942 a plan for post-war development. This program included the building of a Maternity Pavilion and an Institute of Biogenetics; an expansion in facilities for Psychiatry; the creation of new research and routine laboratories, professional offices and other auxiliary facilities; enlargement of the program of medical education to include courses at the postgraduate level for reorientation or specialized training of physicians returned from military service; and an increase in fellowship grants and other facilities for advanced scientific research. As noted in the President's Report, an auspicious beginning has already been made in this regard.

In addition to the Hospital's need for capital funds for maintenance and for the full realization of the above expansion program, capital donations, establishment of memorial funds, and legacies are urgently needed for the ever-expanding services which the Hospital is called upon to supply.

The Mount Sinai Hospital **NEEDS**

(Continued from page 1 of this insert)

Cardiac Physiology	\$20,000
Endocrinology	20,000
Allergy	20,000
Hematology	20,000
Experimental Medicine	20,000
Experimental Physiology	20,000
Metabolic Physiology	20,000
Immunology	15,000
Eye Pathology	15,000
Eye Physiology	15,000
Surgical Pathology	15,000
Gynecological Pathology	15,000

To Equip Single Laboratories in:

Clinical Microscopy	10,000
Clinical Chemistry	10,000
Clinical Bacteriology	10,000
Clinical Pathology	10,000
Metabolism	10,000
Physical Chemistry	10,000

To Equip and Furnish:

6 Classrooms for practical demonstrations.....	<i>each</i>	2,500
10 Departmental Libraries	<i>each</i>	2,500
1 Photographic Room—for projection of films for instruction..		2,500

Statistical and Financial

GROWTH OF SERVICE

STATISTICAL SUMMARY

Year	Patients Treated in Hospital	Hospital Days	Consultations in Out-Patient Department †	Total Disburse- ments for All Maintenance and Non-Budgetary Purposes (Non-Capital)
1857.....	216	6,048*	None	\$9,000.00
1860.....	297	8,316*	None	14,000.00
1870.....	663	18,564*	None	20,000.00
1880.....	1,474	43,164	9,922	44,376.10
1890.....	2,862	65,255	43,560	100,000.00
1900.....	3,145	75,113	86,431	135,272.00
1910.....	7,613	149,198	115,726	410,000.00
1920.....	9,548	146,841	173,682	899,704.97
1930.....	12,179	193,482	222,489	1,785,244.23
1940.....	17,275	236,851	357,567	2,398,595.02
1947.....	16,838	231,233	255,716	4,545,096.74
1948.....	16,091	230,847	241,178	4,894,952.71

* Estimated.

† Does not include visits to the Emergency Department or to the Consultation Service.

STATISTICS

For the Year Ended December 31, 1948

And the Year Ended December 31, 1947

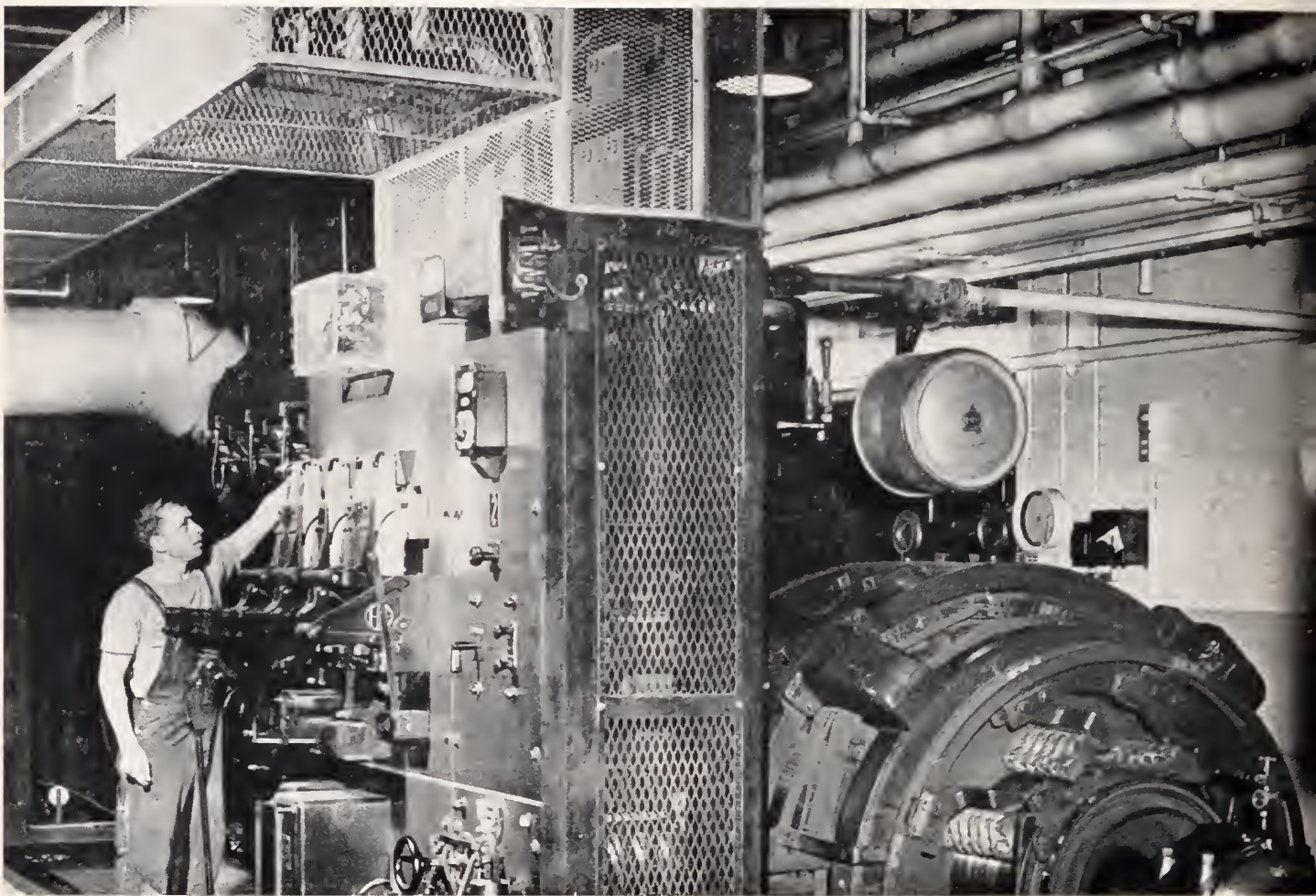
Hospital Patients—General Wards and Private Rooms

	1948	1947
Patients in Hospital at beginning of year ¹	611	591
Patients admitted during year ²	15,480	16,247
Total number of patients treated in Hospital during year (Emergency Ward not included).....	16,091	16,838
Remaining in Hospital at end of year ¹	522	611
Patients treated in Emergency Room (not admitted) ³	31,651	33,192
Total number of patients admitted since the Hospital was founded	590,289	574,809
<i>Patients discharged during year:</i>		
Well or improved.....	11,988	13,501
Unimproved	2,946	2,067
Died	635	659
<i>Total</i> ²	15,569	16,227
Average number of patients per day.....	631	634
Average Hospital days per patient.....	14.3	13.7

¹ Midnight Census.

² Excludes internal transfers between Private, Semi-Private and Ward Services.

³ Includes emergency dental treatments reported also in Dental Department Statistics.



THIS, TOO, IS HOSPITAL MAINTENANCE. TWO DIESELS, LIKE THE ONE SHOWN ABOVE, AND TWO STEAM ENGINES PROVIDE THE HOSPITAL'S POWER.

GROWTH OF SERVICE

Mortality rate for the year (all deaths including those which occurred on day of admission)	4.1	4.1
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Distribution of days of Hospital care for the years:

	1948		1947	
	No. of Days	%	No. of Days	%
General Wards—free to patients.....	58,181	25.20	67,108	29.02
General Wards—part free to patients....	80,341	34.80	74,896	32.39
Semi-Private Pavilion patients.....	47,271	20.48	46,000	19.89
Private Pavilion patients.....	45,054	19.52	43,229	18.70
<i>Total</i>	230,847		231,233	
Maintenance Days (patients and employees included)	669,298		670,743	

Percentage of total number of patients treated in various divisions:

	1948		1947	
	Patients Treated	%	Patients Treated	%
General Wards	8,690	52.76	9,697	56.97
Semi-Private Rooms	4,239	25.74	4,212	24.74
Private Rooms	3,542	21.50	3,114	18.29
<i>Total</i> ⁴	16,471		17,023	

Disposition of applications received during the year:

	1948	1947
Admitted to General Wards as free to patients ⁴	6,125	6,768
Admitted to General Wards as part free to patients ⁴ ..	2,191	2,565
Admitted to Semi-Private Rooms at rate below cost ⁴ ..	4,114	4,092
Admitted to Private Rooms ⁴	3,430	3,007
Not admitted for various reasons (ward applications)...	1,712	1,953
<i>Total Applications</i>	17,572	18,385

OUT-PATIENT DEPARTMENT STATISTICS

Total visits ⁵	272,829	288,908
Total prescriptions	170,695	169,614
Patients new in year.....	8,185	10,285
Patients from past years.....	11,774	12,330

⁴ Not adjusted for 380 internal transfers (1948) and 185 internal transfers (1947) between Private, Semi-Private and Ward Services.

⁵ This figure includes emergency visits by out-patients to Accident and Emergency Room outside of regular Clinic hours.

GROWTH OF SERVICE

Total individuals	19,959	22,615
Out-Patient Department days.....	394	391
Daily average prescriptions	580	565
Daily average consultations	897	960
Average daily attendance of physicians.....	170	177
Average daily attendance of nurses	27	25
Average daily attendance of volunteer aides	22	19
Maximum consultations on any one day.....	1,063	1,102
Maximum prescriptions on any one day.....	991	1,127

DEPARTMENT OF LABORATORIES

Examinations

	1948	1947
Bacteriology	31,818	37,701
Surgical Pathology and Morbid Anatomy:		
Examinations of operative specimens.....	7,693	6,916
Post mortem examinations.....	305	288
Chemistry	25,466	23,253
Clinical Microscopy and Hematology.....	145,686	140,714
Endocrinology	452	455
Blood Bank:		
Volunteer donors ⁶	5,693	4,287
Transfusions given with stored blood.....	5,269	3,908

Laboratory for Basal Metabolism

(Hospital Laboratory) ⁷

<i>Total number of examinations.....</i>	1,179	1,248
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Department of Radiology

Radiography:		
Number of examinations	33,556	34,776
Number of films taken	94,794	87,486
Number of fluoroscopic examinations	14,446	11,005

Radiotherapy Department

New Cases	586	607
Treatments:		
Radiotherapy	7,987	8,269
Radium	96	88
<i>Total</i>	8,083	8,357
Number of examinations.....	2,993	6,009
<i>Total number of visits ⁸.....</i>	11,076	14,366

⁶ Wards included in O.P.D. statistics.

⁷ O.P.D. examinations reported in O.P.D. statistics.

⁸ Included 8,630 visits in 1948 and 10,323 visits in 1947 which are reported in O.P.D. Consultations.

GROWTH OF SERVICE

Department of Physical Medicine

(Hospital and O.P.D.)

Total number of treatments for year..... 56,834 56,430

DEPARTMENT OF DENTAL AND ORAL SURGERY

(Hospital and Out-Patient Department)

	1948	1947
Total number of visits ⁹	13,539	14,658
Total number of treatments.....	15,515	17,552
Maximum number of visits on any one day.....	91	93

ELECTROCARDIOGRAPHY LABORATORY

Total number of examinations..... 8,419 8,226

ELECTROENCEPHALOGRAPHY LABORATORY

Electroencephalograms 839 888

CONSULTATION SERVICE

Patients admitted	3,663	3,450
Referring doctors	2,045	1,982

FOLLOW-UP CLINICS

	No. of Clinic Sessions	No. of Appointments Given Kept	Cases Closed	Referred for Further Treatments	Referred for Re-admission
1948.....	350	15,013 9,376	1,057	2,617	409
1947.....	358	15,619 8,894	815	1,758	328

OCCUPATIONAL THERAPY DEPARTMENT

Visits to shop:	1948	1947
Hospital patients	1,382	1,556
O.P.D. patients	969	1,149
Bedside visits	6,060	8,633
New patients treated.....	689	1,272

⁹ This includes 4,151 emergency ward visits in 1948 and 4,347 in 1947.

THE MOUNT SINAI HOSPITAL TREASURER'S REPORT

COMBINED STATEMENT OF DEFICITS OF THE FOUR SOCIETIES

For the Year Ended December 31, 1948

OPERATING DEFICITS:

Hospital	\$1,239,497.00
School of Nursing	206,127.74
Social Service	176,034.02
Ladies' Auxiliary	58,020.21

Total Operating Deficits \$1,679,678.97

RECEIPTS APPLIED TOWARD OPERATING DEFICITS:

Payments by:

City of New York for Part Maintenance of Free Ward Patients and for Custodians	\$ 276,705.03
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Contributions:

Federation of Jewish Philanthropies:

Hospital	\$634,986.47
School of Nursing	215,500.00
Social Service	137,954.83
Ladies Auxiliary	44,250.00

Greater New York Fund (through Federation)	1,032,691.30*
United Hospital Fund:	76,113.14
Hospital	\$105,704.52
Social Service	28,293.53

Estate of Lester N. Hofheimer for Support of the Psychiatric Service	133,998.05
Solomon and Blanche de Jonge Foundation, Inc., for Support of the Psychiatric Service	23,899.88
Miscellaneous Donations:	
Hospital	15,346.19
Hospital	643.24

Total Receipts Applied Toward Operating Deficits 1,559,396.83

Deficit Before Income from Investments \$ 120,282.14

Note: The above figures do not include appropriations from principal and/or income of special funds for stated non-budgetary purposes amounting to \$339,352.25.

** This figure included \$28,367.50 representing one-half of an additional grant from Federation for the period July 1, 1947 to June 30, 1948; the other half was credited to grants from Federation for the last half of the year 1947.*

TREASURER'S REPORT

INCOME FROM INVESTMENTS:

Hospital	\$70,202.06
School of Nursing	941.97
Social Service	2,154.06

Total Income from Investments..... \$73,298.09

Net Deficit (Four Societies) for the Year Ended December 31,
1948 \$46,984.05

STATEMENT OF HOSPITAL OPERATING DISBURSEMENTS AND RECEIPTS

For the Year Ended December 31, 1948

HOSPITAL OPERATING DISBURSEMENTS:

Administration:

Salaries, Wages and Pensions	\$238,073.23
Telephone Service	33,309.10
Stationery and Printing	23,916.16
Miscellaneous	7,969.68

Total Administration \$303,268.17

Professional Care of Patients:

Salaries and Wages:

Physicians	\$133,984.06
Psychiatric Service	25,490.77
Nursing Service	785,538.16
Druggists	20,665.10
Orderlies	98,413.80
Follow-Up and Clinical Secretaries	43,548.51
Medical and Surgical Supplies	424,751.07

Total Professional Care of Patients..... 1,532,391.47

**Out-Patient Department:*

Salaries and Wages	\$ 76,000.84
Stationery and Printing	1,393.58
Supplies	8,284.04

Total Out-Patient Department..... 85,678.46

Radiograph Department:

Salaries and Wages	\$ 38,831.96
Supplies	40,421.83

Total Radiograph Department..... 79,253.79

* The items included under this heading are those which are chargeable directly and exclusively to the Out-Patient Department. The actual cost of conducting the Out-Patient Department, including the proportion of other expenses properly chargeable to it was \$503,817.98 for 1948, excluding Social Service Department.

TREASURER'S REPORT

Radiotherapy Department:

Salaries and Wages.....	\$ 13,919.40
Supplies	2,997.25
Radium	404.10

Total Radiotherapy Department..... 17,320.75

Electrocardiograph Department:

Salaries and Wages.....	\$ 7,140.09
Supplies	5,727.14

Total Electrocardiograph Department..... 12,867.23

Department of Laboratories:

Salaries and Wages.....	\$186,870.27
Supplies	60,977.22

Total Department of Laboratories..... 247,847.49

Provisions 641,452.88

Dietary Department:

Salaries and Wages.....	\$184,282.19
Supplies	9,557.38

Total Dietary Department..... 193,839.57

Housekeeping Department:

Salaries and Wages.....	\$176,307.54
Furniture and Housefurnishings.....	58,465.08
Crockery and Silverware.....	15,035.01
Dry Goods	2,092.19
Beds and Bedding.....	1,512.68

Total Housekeeping Department..... 253,412.50

Laundry Department:

Salaries and Wages.....	\$ 77,862.50
Supplies	11,931.47

Total Laundry Department..... 89,793.97

General House and Property Expenses:

Salaries and Wages.....	\$163,923.96
Renewals and Repairs.....	85,321.05
Light, Heat and Power.....	209,480.06

Total General House and Property..... 458,725.07

Insurance 60,191.09

Auditing and Accounting Department:

Salaries and Wages.....	\$ 92,172.38
Sundries	11,799.10
Stationery and Printing.....	4,977.90
Postage	6,289.02

TREASURER'S REPORT

Lettering of Tablets.....	786.75	
Annual Report	6,399.53	
<i>Total Auditing and Accounting Department.....</i>		122,424.68
Total Hospital Operating Disbursements.....		\$4,098,467.12
HOSPITAL OPERATING RECEIPTS:		
<i>From Patients in:</i>		
Private Pavilion	\$1,344,933.85	
Semi-Private Pavilion	738,563.92	
Ward	532,709.02	
Ward under Workmen's Compensation Act....	13,588.56	
Out-Patient Department	141,636.21	
<i>Total from Patients.....</i>	<i>\$2,771,431.56</i>	
<i>From Other Services.....</i>	<i>87,538.56</i>	
Total Hospital Operating Receipts.....		2,858,970.12
Hospital Operating Deficit.....		<u><u>\$1,239,497.00</u></u>

THE MOUNT SINAI HOSPITAL SCHOOL OF NURSING

TREASURER'S REPORT

STATEMENT OF OPERATING DISBURSEMENTS AND RECEIPTS

For the Year Ended December 31, 1948

OPERATING DISBURSEMENTS:

Payroll:

Student Nurses	\$19,070.31
Graduate Nurses.....	73,866.61
Health Service	3,500.00
Office Assistants	6,083.11
Housekeeping	55,525.08
Tuition	34,998.73

\$193,043.84

Sundries	3,013.17
Stationery and Printing.....	628.04
Household Supplies	3,295.89
Telephone	2,211.30
Advertising	1,660.30
Books	2,576.01
Uniforms	9,962.61
Graduation Exercises	2,036.58

Total Operating Disbursements..... \$218,427.74

OPERATING RECEIPTS:

Matriculation Fees 12,300.00

OPERATING DEFICIT \$206,127.74

THE MOUNT SINAI HOSPITAL SOCIAL SERVICE AUXILIARY TREASURER'S REPORT

STATEMENT OF OPERATING DISBURSEMENTS AND RECEIPTS

For the Year Ended December 31, 1948

OPERATING DISBURSEMENTS:

Appliances	\$ 11,175.32
Extra Nourishment, Special Diets, etc.	121.75
Convalescent Care	13,589.74
Relief (Emergency, Rent, Moving Expenses, etc.)	5,257.19
Shoes, Clothing, etc.	992.96
Transportation	1,440.04
Medication	7.27
Education and Recreation Supplies.	1,085.14
Salaries	144,253.53
Workers Expenses	1,053.72
Office Supplies (Including Stationery, Printing and Postage)	1,543.15
Affiliation Dues	98.00
Magazines, Newspapers, and Incidentals.	67.58

<i>Total Operating Disbursements</i>	\$180,685.39
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OPERATING RECEIPTS:

Refunds from Patients.	4,651.37
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OPERATING DEFICIT	\$176,034.02
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SPECIAL ACCOUNT

BALANCE, January 1, 1948.	Deficit	\$7,436.80
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RECEIPTS:

Donations, etc.	8,677.14
Appropriations of Principal and Income:	
Special Funds	5,665.56

<i>Total Credits</i>	\$6,905.90
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DISBURSEMENTS:

Special Accounts	\$4,220.68
Summer Work	5,078.00

<i>Total Disbursements</i>	9,298.68
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BALANCE, December 31, 1948.	Deficit	\$2,392.78
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THE MOUNT SINAI HOSPITAL LADIES' AUXILIARY SOCIETY TREASURER'S REPORT

STATEMENT OF OPERATING DISBURSEMENTS

For the Year Ended December 31, 1948

OPERATING DISBURSEMENTS:

Linens and Bedding	\$40,439.23
Wearing Apparel	17,580.98
<i>Total Operating Disbursements</i>	<u>\$58,020.21</u>
OPERATING DEFICIT	<u>58,020.21</u>

DONATIONS TO SOCIAL SERVICE DURING YEAR 1948

For Non-Budgetary Purposes

Anonymous (In memory of Myron Goldsmith Friedenheit)	\$ 25.00
Anonymous (In memory of Mrs. Irwin Untermeyer)	10.00
Mrs. Jack R. Aron	225.00
Dr. and Mrs. Arthur H. Aufses (In memory of Mr. Harry M. Goldstein)	10.00
Mrs. Julian Bach (In memory of Mrs. Jacob Strauss)	25.00
Mrs. Julian Bach (In memory of Mr. Henry Ittleston)	10.00
Mrs. Paul Baerwald	560.00
Donald Bauer	5.00
Mrs. Robert M. Benjamin	140.00
Imogene R. Bennett	5.00
Miss Sarah Bernhard	10.00
Mrs. Robert E. Binger	220.00
Mrs. Robert E. Binger (In memory of Mrs. Paula K. Parke)	25.00
Mrs. Gustav Blumenthal (In memory of Mr. David Joseph)	10.00
Mrs. Gustav Blumenthal (In memory of Mrs. Bernard Sachs)	10.00
Mrs. Gustav Blumenthal (In memory of Mrs. Julia Furchgott)	10.00
Mrs. Myron I. Borg	25.00
Mrs. Myron I. Borg (In honor of golden wedding anniversary of Mr. and Mrs. James Goldsmith)	10.00
Mrs. Arthur J. Cohen	550.00
Mrs. Ralph Colp (In memory of Jerome Jackson)	10.00
Mrs. Alfred A. Cook	1,000.00
Mrs. Alfred A. Cook (In memory of Miss Madeleine R. Cook)	100.00
Mrs. Joseph F. Cullman, 3rd	415.00
Mrs. Anna Marie Diehl	5.00
Mrs. J. B. Eiseman (In memory of Mrs. Rose Becker)	5.00
Mrs. J. B. Eiseman (In memory of Mrs. Selly Eiseman)	8.00
Mrs. Edwin Blun Eising (In memory of Myron Goldsmith Friedenheit)	10.00
Mrs. Carl M. Fishel (for birthday treat in the name of grand-daughter, Pat Hyman)	15.00
Mrs. Meyer Gladstein (Donation in name of son, Howard)	5.00

TREASURER'S REPORT

Mrs. Henry S. Glazier.....	\$1,075.00
Mr. Henry S. Glazier, Jr.....	50.00
Mrs. Samuel Goldberg	5.00
Mrs. Irving W. Goodfield (In memory of parents, Sarah and Simon Seide)	25.00
Mac Goodman	50.00
Mr. and Mrs. Siegfried F. Hartman.....	280.00
Mrs. John A. Herrmann.....	25.00
Mrs. Richard Hirsch (In memory of Mrs. Charles Klingenstein).....	25.00
Mrs. Walter A. Hirsch	550.00
Mrs. Walter A. Hirsch (In memory of Mr. and Mrs. Julius Oppenheimer)	10.00
Mrs. Pauline L. Ickelheimer.....	50.00
Miss Angie Jacobson (In memory of Miss Flora P. Lindauer).....	5.00
Miss Angie Jacobson (In memory of Mrs. Florine Wormser)	5.00
Miss Angie Jacobson (In memory of Mrs. Hugo Seligman)	10.00
Mrs. Hugo Kastor	565.81
Mrs. Hugo Kastor (In memory of Mr. Henry Ittleson).....	10.00
Mrs. Hugo Kastor (In memory of Mrs. Jacob Strauss).....	10.00
Mrs. Alan H. Kempner.....	425.00
Mr. and Mrs. Alan H. Kempner (In memory of Mr. Henry Ittleson) ..	10.00
Mrs. Richard Kaye Korn (In memory of Mr. Walter A. Hirsch and Mrs. Levi Mayer)	15.00
Mrs. Robert H. Kridel.....	115.00
Mr. William J. Kridel (In memory of Mr. Walter A. Hirsch).....	10.00
Mrs. Stanley Kronheim	5.00
Mrs. Harry Laitin	4.95
Mr. Issac Lapes.....	10.00
Mrs. George Lee	225.00
Mrs. Herbert H. Lehman.....	835.00
Mr. and Mrs. Jack Lerner (In memory of Mrs. Ida Feldman).....	5.00
Mr. and Mrs. Jack Lerner (In memory of Lt. Howard Hirschel).....	5.00
Mr. and Mrs. Jack Lerner (In memory of Mrs. Martha Zucker).....	5.00
Mr. and Mrs. Jack Lerner (In memory of Flora Hamerslough)	5.00
Mr. and Mrs. Jack Lerner (In memory of Mr. Max Fleschner).....	5.00
Mr. and Mrs. Jack Lerner (In memory of Mrs. Pauline Sommerfield)	5.00
Mr. and Mrs. Jack Lerner (In memory of Mrs. Lina Cotton).....	3.00
Mr. Carl Lindner.....	5.00
Mrs. Dora Link	5.00
Mrs. Louis M. Loeb.....	175.00
Mrs. Florence G. Mendelsohn.....	5.00
Mr. and Mrs. Z. Edwin Meyer (In memory of Mr. Nathan K. Hesslein)	45.00
Elsie Moses	5.00
Mrs. George W. Naumburg.....	788.00
Miss Amy Nordlinger (In memory of Mrs. Julius Oppenheimer).....	10.00
Mrs. Roslyn Osborne	10.00
Mrs. Benjamin M. Phillips (In memory of Mrs. Paula K. Parke).....	5.00
Mrs. Vic or S. Riesenfeld.....	275.00

TREASURER'S REPORT

Mrs. R. K. Robertson.....	\$ 50.00
Mrs. John Rosenthal	300.00
Mrs. Edward J. Rosenwald.....	25.00
Miss Edith Sachs	300.00
Miss Edith Sachs (In memory of Mrs. Bernard Sachs)	20.00
Miss Edith Sachs (In memory of Mrs. Paula K. Parke).....	15.00
Mr. Harry Samuels.....	5.00
Mrs. William D. Scholle.....	385.00
Dr. Martin Schreiber (In memory of Mr. Ignatz Rosenfeld)	5.00
Dr. Martin Schreiber (In memory of Mr. Murdock Leplin)	5.00
Mrs. Jerome B. Scofield (In memory of Mrs. Julius Oppenheimer)....	10.00
Mr. Charles Segal	220.00
Mrs. Henry Siegbert	200.00
Mrs. Edgar M. Sinauer (In memory of Mrs. Julius Oppenheimer).....	5.00
Mrs. Marcus Stine (In memory of Mrs. Bernard Sachs).....	10.00
Mrs. Molly Sussman	2.00
Mr. Reuben Tally (In memory of Mr. Nathan K. Hesslein).....	15.00
Rosalind Vashinsky	5.00
Mrs. Oliver Wallace	20.00
Mrs. Frank L. Weil.....	215.00
Mrs. Leon Weil	100.00
Mr. Harry Wigod	20.00
Mr. Clarence A. Wimpfheimer (In memory of Mrs. Julius Oppenheimer)	25.00
<i>Total</i>	<u>\$11,180.86</u>

Benefactions

BEQUESTS AND DONATIONS RECEIVED FOR SPECIAL PURPOSES DURING THE YEAR 1948

Donations of items other than money are included in the
DONATIONS IN KIND on page 101.

Dr. Harold A. Abramson—For investigations in aerosol therapy....	\$ 1,000.00
Mrs. Louis Adler—For non-budgetary purposes of the Adult Cardiac Clinic	50.00
Mr. and Mrs. Herbert M. Alexander—For non-budgetary purposes of the Adult Cardiac Clinic.....	50.00
Altman Foundation—For gastroenterology research.....	2,500.00
Mrs. Charles Altschul—For Electrocardiograph Research Fund.....	12,000.00
Mr. and Mrs. Frank Altschul—For Electrocardiograph Research Fund.....	5,000.00*
American Cancer Society, Inc.—For X-ray diffraction research.....	2,940.00
American Cyanamid Company, Lederle Laboratories Division—For cancer research of Dr. Richard Lewisohn.....	6,250.00
American Cyanamid Company, Lederle Laboratories Division—For Dermatologic Research Fund.....	900.00
American Dry Milk Institute, Inc.—For metabolism research.....	6,200.00
American Instrument Co.—For investigation of electrophoretic phenomena	1,000.00
Anonymous—In memory of Mr. H. Raymond Eisner—For non-budgetary purposes	25.00
Anonymous—In memory of Mr. Robert Foreman—For non-budgetary purposes	25.00
Anonymous—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	2.50
Anonymous—In memory of Mr. Joseph M. May—For non-budgetary purposes	100.00
Anonymous—In memory of Mr. Charles Rohr Hammerslough—For non-budgetary purposes	25.00
Anonymous—In memory of Mrs. Isaac Schneierson—For non-budgetary purposes	50.00
Anonymous—In memory of Mr. Joseph A. Stiefel—For non-budgetary purposes	25.00
Anonymous—For neurological research	8,400.00
Anonymous—For Hospital baseball team uniforms, etc.....	500.00
Anonymous—For non-budgetary purposes	200.00
Anonymous—For non-budgetary purposes	62.54
Anonymous—For non-budgetary purposes	1,000.00
Mrs. Louis A. Ansbacher—For non-budgetary purposes of the Adult Cardiac Clinic	50.00
Associated Alumni of The Mount Sinai Hospital—For Library.....	100.00
Miss Elsie Ansbacher—For non-budgetary purposes of the Adult Cardiac Clinic	25.00
Louis Bachmann, Jr.—For non-budgetary purposes of the Adult Cardiac Clinic	25.00

BEQUESTS AND DONATIONS FOR SPECIAL PURPOSES

Mrs. Mabel Bachmann—For non-budgetary purposes of the Adult Cardiac Clinic	\$25.00
Mrs. Paul Baerwald—For The Greater Mount Sinai Hospital Development Fund (additional)	1,000.00
The Dr. Murray H. Bass Fund—Established by his friends and associates (additional)	1,985.00
Dr. and Mrs. Samuel H. Averbuck	Mr. and Mrs. Alfred Lazarus
Mrs. Jean Bachman	Dr. Sidney D. Leader
Mr. and Mrs. Lester Bachner	Mr. and Mrs. Isaac H. Levy
Dr. Max Baer	Dr. Harry V. Lomant
Dr. Eugene Bernstein	Dr. Luigi Luzzatti
Mr. and Mrs. Melvin A. Block	Dr. Jacob L. Maybaum
Mrs. Helen L. Bittenwieser	Dr. Max Meyer
Mr. and Mrs. Benjamin Cahane	Dr. Ralph E. Moloshok
Dr. Moses R. Buchman	Dr. Alfred A. Nathans
Mr. and Mrs. W. Arthur Cullman	Mr. and Mrs. William Naumburg, Jr.
Joseph F. Cullman, Jr.	Dr. William Obrinsky
Dr. Samuel de Lange	Mr. and Mrs. William Rabkin
Dr. Samuel Ehre	Dr. William Rosenson
Dr. Mary Eleston	Mr. and Mrs. Daniel G. Ross
Dr. Else Farmer	Mr. and Mrs. Irving Schlaap
Dr. Irving Feuer	Dr. R. G. Spiegel
Dr. William Harris	Dr. Jacob Sugarman
Dr. and Mrs. A. Hyman	Dr. Arthur S. W. Touroff
Mr. and Mrs. J. M. Kaplan	Dr. Joseph Turner
Joseph F. Kellar	Leo P. Walter
Dr. Jerome L. Kohn	Dr. Frederick B. Weil
Dr. Eugene R. Kraus	Harold D. Wimpfheimer
Mrs. Claude C. Lazard	Dr. Abbott L. Winograd
Mrs. Arthur Zucker	
Eric M. Bauer—For non-budgetary purposes.....	25.00
I. Bengelsdorf—For Electrocardiograph Research Fund.....	50.00
Mrs. J. A. Benjamin—In memory of Mrs. Rose Becker—For non-budgetary purposes	25.00
Dr. A. A. Berg—In memory of his brother, Dr. Henry W. Berg, the first instalment of a fund of \$500,000 donated by Dr. A. A. Berg for the erection, equipment and maintenance of the Berg Institute of Research.....	150,000.00
George B. Bernheim—For non-budgetary purposes.....	1,250.00
The Bernstein Fund, Inc.—For metabolism research.....	500.00
Nathan C. Bernstein—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	10.00
Nathan C. Bernstein—In memory of Mrs. Rose Van Raalte—For research in renal and cardiovascular physiology.....	10.00
Harry Besselman—For Research Fund.....	20.00
Jacob Bleibtreu—For Dermatologic Research Fund.....	250.00
A. M. Blumberg—For Electrocardiograph Research Fund.....	150.00
Irving J. Bluming—For non-budgetary purposes.....	50.00
Mr. and Mrs. Bernard P. Borchard—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology..	5.00
Mr. and Mrs. Bernard P. Borchard—In memory of Mr. Isaac H. Levy—For research in renal and cardiovascular physiology.....	10.00

BEQUESTS AND DONATIONS FOR SPECIAL PURPOSES

Bernard P. Borchard—In memory of Mr. Edward Menke—For research in renal and cardiovascular physiology.....	\$10.00
Bernard P. Borchard—In memory of Mr. William Selly—For research in renal and cardiovascular physiology.....	10.00
Mrs. Carolyn D. Born—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	25.00
Miss Martha Braun—For non-budgetary purposes.....	63.00
Miss Nora Brennan and Miss Edythe Hughes—In memory of Mr. Waldemar Kops—For non-budgetary purposes.....	25.00
J. M. Brown—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	15.00
Charles H. Bruckner—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	10.00
Charles H. Bruckner—In memory of Mr. Edward Menke—For research in renal and cardiovascular physiology.....	5.00
Charles H. Bruckner—In memory of Mr. Robert J. Wachenheim—For research in renal and cardiovascular physiology.....	10.00
Emil Buschoff and Co., Inc.—For Research Fund.....	100.00
Miss Mary C. Callahan—In memory of Mr. Herbert M. Alexander—For non-budgetary purposes.....	25.00
Herbert S. Chandler—For gastroenterology research.....	100.00
Ciba Pharmaceutical Products, Inc.—For investigation of anti-sunburn substances	2,400.00
Ciba Pharmaceutical Products, Inc.—For Dermatologic Research Fund	2,400.00
Max A. Cohen—For Electrocardiograph Research Fund.....	500.00
Mr. and Mrs. Bernard Cohn—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	2.00
Mr. and Mrs. Edwin C. Cole—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	10.00
Mrs. Alvin E. Coleman—For Electrocardiograph Research Fund.....	100.00
Mrs. Cecilia Coleman—For Electrocardiograph Research Fund.....	100.00
Dr. and Mrs. Ralph Colp—In memory of Mrs. Emma Bamberger Loeb—For gastroenterology research.....	100.00
Dr. Ralph Colp—In memory of Mrs. Rose Becker—For research on portal venography	50.00
Dr. Ralph Colp—For the Dr. Ralph Colp Fellowship Fund.....	1,600.00
Columbia University—For research on gastric function.....	1,500.00
Committee on Scientific Research, American Medical Association—For research on circulatory diseases.....	200.00
Commonwealth Fund—For research in antibacterial agents.....	12,908.10
Harold S. Cone—For Research Fund.....	50.00
Sheldon R. Coons—For the Sheldon R. Coons, Jr. Memorial Fund..	500.00
Schering Corporation—For metabolism research.....	3,000.00
Clement S. Crystal—In memory of Miss Annette Mendelsohn—For cancer research	10.00
Joseph F. Cullman, Jr.—For educational purposes.....	1,320.00

BEQUESTS AND DONATIONS FOR SPECIAL PURPOSES

Joseph F. Cullman, Jr.—In memory of Mr. Arthur Reis—For non-budgetary purposes	\$50.00
Dr. Daniel Diamond—For research on portal venography.....	200.00
Dictograph Products, Inc.—For non-budgetary purposes.....	350.00
Stephen M. Dryfoos—In memory of Mr. Bernard H. Gutwillig— For research in renal and cardiovascular physiology.....	10.00
Charles M. Epstein—For gastroenterology research.....	50.00
Mrs. M. and Miss Jeanette Fellheimer—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology	10.00
Mr. John F. Fenske, Jr.—In memory of Mr. Sidney Blumenthal—For non-budgetary purposes	10.00
Frank L. Foreman—In memory of Mr. Lawrence L. Goldsmith— For non-budgetary purposes.....	25.00
Mr. and Mrs. Fred Frankfort—In memory of Mr. Bernard H. Gut- willig—For research in renal and cardiovascular physiology.....	10.00
Mrs. Esther G. Friedenheit—For non-budgetary purposes in the Chil- dren's Pavilion	100.00
A Friend—For the Dr. Joseph Brettauer Fellowship Fund—Given in his memory	1,200.00
Henry J. Gaisman—For non-budgetary purposes of the Adult Cardiac Clinic	100.00
Lionel M. Goldberg—For Research Fund.....	25.00
George H. Goldenbaum—In memory of Mr. Sidney Blumenthal— For non-budgetary purposes.....	10.00
Mrs. David D. Goldstein—For non-budgetary purposes of the Adult Cardiac Clinic	25.00
L. M. Goodeve—For non-budgetary purposes of the Radiotherapy Department	25.00
Oscar Goodman—For non-budgetary purposes.....	100.00
Leo Gottlieb—In memory of Mrs. Isaac Schneiersen—For non- budgetary purposes	25.00
Morse Gould—For non-budgetary purposes.....	25.00
Felix Gouled—For non-budgetary purposes.....	100.00
Dr. Emil Granet—For non-budgetary purposes.....	51.22
E. Granovsky—For non-budgetary purposes.....	25.00
Harold E. Gray—For the Greater Mount Sinai Hospital Development Fund (additional)	500.00
A. E. Greene—For Research Fund.....	100.00
Mr. and Mrs. Melville E. Greenwald—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology	5.00
Morris Guberman—For non-budgetary purposes.....	100.00
Daniel and Florence Guggenheim Foundation—For the Greater Mount Sinai Hospital Development Fund (additional).....	5,000.00
Mrs. Monroe C. Gutman—In memory of Susan Benson—For non- budgetary purposes	250.00
A. Gutwillig, Jr.—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	25.00

BEQUESTS AND DONATIONS FOR SPECIAL PURPOSES

Mrs. Bernard H. Gutwillig—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	\$25.00
Miss Estelle Gutwillig—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	5.00
Mr. and Mrs. George Gutwillig—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology....	50.00
Jacqueline and William Gutwillig—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology..	25.00
Mrs. Marian B. Gutwillig and Sons, Robert and Richard—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	100.00
Robert A. Gutwillig—For memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	5.00
Abraham E. Harris—For non-budgetary purposes of the Adult Cardiac Clinic	50.00
Mr. and Mrs. Alvin S. Hirsch—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	25.00
Donald Hirsh—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	25.00
William S. Hochenberg, estate of—For non-budgetary purposes.....	250.00
Lawrence Hochheimer—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	15.00
Estate of Frederick Housman—For the Frederick Housman Fund for Medical Research.....	75,000.00
Misses Jean and Edythe Hughes and Mrs. Kathleen Hughes Dickinson—In memory of Miss Hannah Greenberg—For non-budgetary purposes	15.00
Hutner Foundation—For Research Fund.....	200.00
Dr. A. Hyman—For Electrocardiograph Research Fund.....	500.00
Mr. and Mrs. Julian Jacobs—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	10.00
Ralph K. Jacobs—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	10.00
Mrs. Max Kalter—In celebration of the birthday of Mr. and Mrs. Gilbert-Levi	15.00
Alfred B. Kastor—In memory of Mr. Isaac H. Levy—For non-budgetary purposes	25.00
Jack A. Kaufman—For non-budgetary purposes.....	50.00
Dr. Julius Kaunitz—For non-budgetary purposes.....	10.00
Mrs. Jeannette W. Klein—For non-budgetary purposes of the Adult Cardiac Clinic	25.00
Mr. and Mrs. Henry S. Klingenstein—In memory of Mrs. Charles Klingenstein—For non-budgetary purposes.....	15.00
Joseph Klingenstein—For non-budgetary purposes.....	1,460.00
Estate of Magdalene M. Klingenstein—For Maternity Pavilion.....	1,173,670.79*
Knitown Foundation, Inc.—For research in renal and cardiovascular physiology	100.00
Hellmuth Kohn—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	20.00

BEQUESTS AND DONATIONS FOR SPECIAL PURPOSES

Estate of Madeline P. Kohnstamm—For cancer research.....	\$1,000.00
Max Kops, Jr.—In memory of Mr. Edwin A. Godley—For non-budgetary purposes	10.00
Max Kops, Jr.—In memory of Mr. Herbert M. Alexander—For non-budgetary purposes	10.00
Dr. Jacob Krieger—For Electrocardiograph Research Fund.....	100.00
Lasdon Foundation, Inc.—For research in allergy.....	2,000.00
James P. Laurie—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	10.00
Dr. Joseph Laval—For non-budgetary purposes.....	100.00
Louis Lazarus—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	25.00
Mr. and Mrs. George Lee—In memory of Mr. Lawrence L. Goldsmith—For non-budgetary purposes.....	25.00
Mr. and Mrs. George Lee—In memory of Mrs. Florence L. Levi—For non-budgetary purposes	25.00
Mr. and Mrs. George Lee—In memory of Mr. Walter Spiegel—For non-budgetary purposes	10.00
Robert L. Leeds—For gastroenterology research.....	500.00
Hon. and Mrs. Herbert H. Lehman—For Electrocardiograph Research Fund	1,000.00
Robert Lehman—For The Greater Mount Sinai Hospital Development Fund (additional).....	5,000.00
Joseph A. Levy—For non-budgetary purposes for the Adult Cardiac Clinic	50.00
Mr. and Mrs. Saul Lewis—For cancer research.....	10.00
Life Insurance Medical Research Fund—For studies in the chemistry of hypertension	5,250.00
Linde Air Products Co.—For research in cardiac catheterization.....	2,346.18
Mr. and Mrs. Carl M. Loeb, Jr.—In memory of Mr. William Lande—For non-budgetary purposes	25.00
Julius S. Loewenthal—In memory of Mrs. Carolyn Born—For research in renal and cardiovascular physiology.....	10.00
Julius S. Loewenthal—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	25.00
Julius S. Loewenthal—In memory of Miss Rachel Jacobson—For research in renal and cardiovascular physiology.....	5.00
Julius S. Loewenthal—In memory of Mr. Truly Warner—For research in renal and cardiovascular physiology.....	5.00
Mrs. Stella Loewenthal—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	25.00
Miss Gertrude C. Maas—For non-budgetary purposes of the Adult Cardiac Clinic	50.00
Josiah Macy, Jr. Foundation—For investigations in aerosol therapy..	1,400.00
Abe Mann—For non-budgetary purposes of the Adult Cardiac Clinic..	25.00
Mrs. Doris K. Marcuse—In memory of Mrs. Lillian B. Korn—For cardiac equipment of Children's Clinic.....	750.00
Boris Margolin—For Electrocardiograph Research Fund.....	500.00

BEQUESTS AND DONATIONS FOR SPECIAL PURPOSES

Henry C. Marks—For endocrinological research.....	\$1,000.00
Mrs. Arthur M. Master—For Electrocardiograph Research Fund....	500.00
Mrs. Joseph G. Mayer—In memory of Mr. Lucius W. Mayer—For the Dr. Ralph Colp Fellowship Fund.....	25.00
Joshua Meier—For Research by Eye Service.....	300.00
William Menke—For the Elsa and William Menke Fellowship Fund	3,641.92*
Joseph Michaels, Jr.—For non-budgetary purposes of the Adult Car- diac Clinic	50.00
Miss Rose Michaels—For non-budgetary purposes of the Adult Car- diac Clinic	50.00
Mr. and Mrs. W. P. Mimmagh—In memory of Mr. Sidney Blumen- thal—For non-budgetary purposes.....	15.00
Mainzer Minton Trust—For research in renal and cardiovascular physiology	250.00
The Eli Moschcowitz Fund—Established by his friends and associ- ates (additional)	1,269.60
Miss Harriet M. Bensley	Percy M. Frowenfeld
Mrs. Nathan E. Brill	Mrs. Thomas B. Hess
Mr. and Mrs. J. Clarence Davies	Mrs. David M. Levy
Mrs. J. Clarence Davies	Mr. and Mrs. Edgar Loew
Mr. and Mrs. Leonard Dickson	Dr. Eli Moschcowitz
Mr. and Mrs. Leon Fergenson	
Dr. Eli Moschcowitz—For the Greater Mount Sinai Hospital Devel- opment Fund	2,000.00*
Mrs. Charles B. Moss—In memory of Mrs. Caroline Rosenheim—For cancer research	10.00
Irving Moss—For non-budgetary purposes.....	201.00
National Container Corporation—For Research Fund.....	100.00
The National Vitamin Foundation, Inc.—For research in antibac- terial agents	15,000.00
Mrs. Walter W. Naumburg—In memory of Mrs. Jacob Strauss—For non-budgetary purposes	15.00
Mr. and Mrs. Roy Neuberger—In memory of Mr. Sidney Blumen- thal—For non-budgetary purposes.....	50.00
The New York City Cancer Committee of The American Cancer Society, Inc.—For support of Cancer Detection Center.....	7,772.32
New York Foundation—For research in nutritional deficiencies....	6,000.00
Mr. and Mrs. George Niddrie—In memory of Mrs. Ida A. Oppen- heimer—For non-budgetary purposes.....	10.00
The Nutrition Clinics Fund—For nutrition research.....	2,500.00
M. Ollendorff, Jr.—For non-budgetary purposes of the Adult Cardiac Clinic	15.00
Morton Ollendorff—For non-budgetary purposes of the Adult Car- diac Clinic	25.00
Mr. and Mrs. J. H. Oppenheimer—For non-budgetary purposes.....	50.00
Mrs. Ralph Morris and Miss Leah Oppenheimer—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardio- vascular physiology	15.00
Henry von Ost—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	60.00

BEQUESTS AND DONATIONS FOR SPECIAL PURPOSES

Dr. M. Murray Peshkin—For investigations in aerosol therapy.....	\$1,200.00
Dr. M. Murray Peshkin—In celebration of Dr. Bela Schick's birthday—For the Dr. Bela Schick Lectureship Fund.....	100.00
Dr. M. Murray Peshkin—For non-budgetary purposes.....	500.00
Carl A. Pforzheimer, Jr.—In memory of Mr. Leon N. Oppenheimer—For non-budgetary purposes.....	10.00
Otto Pick—For Scientist's Fund.....	3,000.00
Dr. and Mrs. Herbert Pollack—In memory of Mrs. Joseph Stroock—For metabolism research.....	100.00
Poultry and Egg National Board—For metabolism research.....	3,200.00
Benjamin Van Raalte—For non-budgetary purposes of the Adult Cardiac Clinic	25.00
Jacob A. Rabinovich—For Electrocardiograph Research Fund.....	500.00
Lewis Randell—For non-budgetary purposes.....	25.00
Walter Reade—For The Greater Mount Sinai Hospital Development Fund (additional)	3,000.00
Mr. and Mrs. Ivo P. Redlich—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	10.00
Alfred Rheinstein—(Through United Hospital Fund)—For non-budgetary purposes	50.00
Mr. and Mrs. J. Rice—For non-budgetary purposes of the Adult Cardiac Clinic	25.00
Mrs. Margaret Richardson—For endocrinology research.....	5.00
Mrs. Louis J. Robertson—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	5.00
The Rockefeller Foundation—For research on cellular metabolism by Dr. Isidore Snapper.....	1,200.00
Samuel D. Rosan—For non-budgetary purposes.....	100.00
Gerald Rosenberger—For research on portal venography.....	100.00
Estate of Celia Rosenbloom—For Psychiatric Service non-budgetary purposes	625.00
Mrs. Annie Rosenfeld, Mr. and Mrs. James R. Rosenfeld—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology	5.00
Mr. and Mrs. David J. Rosenheim—In memory of Miss Anne Mendelsohn—For cancer research.....	25.00
Dorothy H. and Lewis Rosenstiel Foundation—In memory of Dorothy H. Rosenstiel—For construction and equipment of a new Pediatric Laboratory	75,000.00
Rosenstock Memorial Foundation, Inc.—For plethysmographic studies	2,000.00
Dr. and Mrs. Harry Rosenwasser—In memory of Mr. Samuel Funston—For non-budgetary purposes.....	5.00
Dr. and Mrs. Harry Rosenwasser—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology..	15.00
Mrs. Philip A. Roth—In memory of her parents, Max J. and Jennie M. Breitenbach—For The Greater Mount Sinai Hospital Development Fund—Maternity Pavilion (additional).....	5,000.00
Mrs. Philip A. Roth—For non-budgetary purposes of the Adult Cardiac Clinic	100.00

BEQUESTS AND DONATIONS FOR SPECIAL PURPOSES

Mr. and Mrs. Victor Roudin—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	\$10.00
Royal Undergarment Co., Inc.—For biophysics research.....	250.00
Henry Sadowsky—For research on portal venography.....	250.00
Irving Salwen—For non-budgetary purposes.....	500.00
Mr. and Mrs. William Salzman—For non-budgetary purposes of the Adult Cardiac Clinic.....	50.00
The William Salzman Family Foundation, Inc.—For Research Fund	250.00
Charles F. Samson—For the Greater Mount Sinai Hospital Development Fund (additional)	1,000.00
Frank L. Samuels—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	5.00
Schenley Laboratories, Inc.—For research on antibiotics and other chemotherapeutic preparations	5,000.00
Herman Schneider—For endocrinology research.....	50.00
Isaac Schneier Foundation—In memory of Mrs. Annie Schneier—For research on antibiotics.....	1,000.00
Isaac Schneier Foundation—In memory of Mrs. Annie Schneier—For research in cardiac catheterization.....	4,000.00
Mr. and Mrs. Ira A. Schur—In memory of Dr. Erwin K. Gutmann—For non-budgetary purposes.....	25.00
Mrs. Samuel J. Schur—In memory of Esther and Max Bernhardt—For non-budgetary purposes.....	25.00
Mrs. Herman Schwartz—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	5.00
Mr. and Mrs. Fred Schwed—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	10.00
David Segal—For research in portal venography.....	500.00
Arthur Silbermann—For The Greater Mount Sinai Hospital Development Fund (additional).....	1,000.00
Phil Silvers—For non-budgetary purposes for the Department of Rhinoplasty	300.00
Harry Silverstein—For non-budgetary purposes for the Department of Rhinoplasty	100.00
Dr. John M. Slabey—For Electrocardiograph Research Fund.....	25.00
Arthur J. Sloss—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	20.00
Smith Periodical Fund—For Library.....	22.00
E. R. Squibb & Sons—For metabolism research.....	3,250.00
Mrs. Morris Staff—In memory of Mr. Morris Staff—For cancer research of Dr. Richard Lewisohn.....	50.00
Meyer Stein—In memory of Mr. Elias Stern—For Electrocardiograph Research Fund	1,250.00
Samuel Stein—In memory of Mr. Elias Stern—For Electrocardiograph Research Fund.....	1,250.00
Mrs. Isabel B. Steiner—For non-budgetary purposes of the Adult Cardiac Clinic	25.00
Leo C. Stern—For non-budgetary purposes.....	1,000.00

BEQUESTS AND DONATIONS FOR SPECIAL PURPOSES

Lawrence Stix—For non-budgetary purposes for the Department of Rhinoplasty	\$100.00
James E. Stroock—For Electrocardiograph Research Fund.....	250.00
Milton M. Stuart—For research on portal venography.....	250.00
Felix Tausend and Sons—For non-budgetary purposes.....	150.00
Teachers of Central Commercial High School—In memory of Florence Cohen—For non-budgetary purposes.....	10.00
Mrs. H. P. Tepperman—For non-budgetary purposes for the Department of Rhinoplasty.....	100.00
Mrs. Sylvia Tillman—For biophysics research.....	100.00
Miss Juanita Todd—In memory of Mr. Sidney Blumenthal—For non-budgetary purposes	10.00
Mr. Isaac B. Treister—For non-budgetary purposes of the Adult Cardiac Clinic	25.00
Mrs. I. Edwin Trent—For research on portal venography.....	100.00
Dr. Joseph Turner—In memory of Mr. Hendrik Veenendaal—For non-budgetary purposes	100.00
United States Office of Naval Research—For research on monomolecular films	4,108.05
U. S. Public Health Service—For research on homeostasis in the pathogenesis of visceral lesions.....	1,320.00
U. S. Public Health Service—For investigations in aerosol therapy..	4,536.00
U. S. Public Health Service—For research in gastric cancer.....	16,200.00
U. S. Public Health Service—For research on hyroxystilbamidine...	3,000.00
U. S. Public Health Service—For research on thermopile proteins and enzymes in algae.....	6,715.00
Mr. and Mrs. Ernest S. Urwitz—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	5.00
Veterans of U. S. Base Hospital No. 3 A.E.F.—In memory of Dr. Howard Lilienthal—For the Dr. Howard Lilienthal Memorial Fund	1,276.50
Estate of Emilie Voorzanger—For the Emilie Voorzanger Fund (partial)	107,478.75
The Sadie Baron Wakefield and George P. Wakefield Foundation Memorial Trust Fund—In memory of Mrs. Sadie Baron Wakefield's Birthday—For metabolism research.....	1,250.00
Hal Willis—For non-budgetary purposes of the Adult Cardiac Clinic	50.00
William L. Walter—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	5.00
Edwin H. Warms—For Research Fund.....	100.00
M. Wasserman—For biophysics research.....	1,000.00
Philip M. Waterman—In memory of Mrs. Max Sternberg—For cancer research	5.00
Mrs. Morton S. Webster—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	10.00
Mrs. Harry F. Wechsler—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	5.00
Estate of Louis M. Weiller—For non-budgetary purposes.....	44,162.88
Dr. Frederick L. Whiting—In memory of his father, Dr. Frederick Whiting—For non-budgetary purposes	50.00

BEQUESTS AND DONATIONS FOR SPECIAL PURPOSES

Mr. and Mrs. Lewis Wilding—In memory of Mrs. Gella Berolzheimer—For non-budgetary purposes.....	\$ 100.00
Alfred N. Williams—For non-budgetary purposes in Children's Pavilion	10.00
Clarence A. Wimpfheimer—In memory of Mr. Julius Oppenheimer—For non-budgetary purposes.....	15.00
Harold D. Wimpfheimer—In memory of Mr. Julius Oppenheimer—For non-budgetary purposes.....	20.00
Harold D. Wimpfheimer—In memory of Mr. Henry Ittleson—For non-budgetary purposes	10.00
Dr. and Mrs. Seymour Wimpfheimer—In memory of their parents, Waldemar Kops and Edward and Frieda Wimpfheimer—For the Greater Mount Sinai Hospital Development Fund (additional)...	1,000.00
Winthrop-Stearns, Inc.—For non-budgetary purposes of the X-ray Department	400.00
Mrs. Oscar R. Wolff—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	5.00
Mrs. Louis Wormser—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	3.00
Morton Wormser—In memory of Mr. Bernard H. Gutwillig—For research in renal and cardiovascular physiology.....	10.00
Wyeth, Inc.—For gastroenterology research	2,400.00
Wyeth, Inc.—For Dermatologic Research Fund.....	2,500.00
Mrs. Walter D. Yankauer—In memory of the birthday of her grandmother, Mrs. Joseph B. Bloomingdale—For non-budgetary purposes	25.00
B. E. Youmans—For non-budgetary purposes for the Department of Rhinoplasty	100.00
Dr. Louis E. Zaretzki—In appreciation—For the Alumni Fund.....	250.00
Charles Zinaman—For non-budgetary purposes.....	55.00
 Total	 <u>\$1,868,968.35</u>

* Represents in whole or in part securities donated; stated at approximate market value at time of donation or net proceeds of sale of such securities.

DONATIONS IN KIND

Dr. Milton Adelman—Pneophore resuscitation apparatus
 Mr. and Mrs. Louis Bader, in memory of Kenneth Bader—Radio-phonograph for Children's Pavilion
 Mr. Joseph F. Cullman, Jr.—Cigarettes as Christmas gifts to all personnel
 Dr. John H. Garlock—Subscriptions to the Philharmonic Symphony concerts for the House Staff and nurses
 The Moses Ginsberg Family Foundation—Television set
 Mrs. Howard S. Lilienthal—American College of Surgeons cap and gown
 Mr. Kurt E. Reinsberg—Electric fan
 Dr. S. Zelig Sorkin—Pictures
 Mr. Joseph Taborsak—Surgical instruments
 U. S. Atomic Energy Commission—Radioactive materials

MISCELLANEOUS DONATIONS RECEIVED DURING THE YEAR 1948

The Misses Albert.....	\$ 10.00
Leonard Brody—In memory of Elaine Katz.....	10.00
Mrs. Vincente Cuebas.....	10.00
Alex Fink	25.00
Edwin H. Foreman—In memory of Mr. Lawrence L. Goldsmith.....	10.00
Frank L. Foreman—In memory of Dr. Richard Blum.....	10.00
Vincent Frank—In memory of Mrs. Fannie Strauss.....	10.00
Mrs. Elinor S. Gimbel—In memory of Mrs. Ellis A. Gimbel.....	25.00
Mr. and Mrs. Thomas Hess—In memory of Mr. Henry Itleson.....	10.00
Irving B. Hexter—In memory of Mrs. Rose Becker.....	10.00
Mr. and Mrs. Edwin I. Hilson—In memory of Mr. Mortimer C. Adler	10.00
Mr. and Mrs. Edwin I. Hilson—In memory of Mrs. Gertrude Dannen-	
baum	20.00
Mr. and Mrs. Edwin I. Hilson—In memory of Mr. Raymond Eisner....	10.00
Alfred Hirschman—In memory of Mrs. Frances Hirschman.....	25.00
Mr. and Mrs. Edwin I. Hilson—In memory of Mr. Henry Itleson....	20.00
Mr. and Mrs. Edwin I. Hilson—In memory of Miss Florie Lindauer...	10.00
Mr. and Mrs. Edwin I. Hilson—In memory of Mr. Julius Oppenheimer	20.00
Mr. and Mrs. Edwin I. Hilson—In memory of Mr. Richard Rogers ...	20.00
Mr. and Mrs. Edwin I. Hilson—In memory of Mr. Milton Sam.....	10.00
Edwin I. Hilson—In memory of Mr. Joseph A. Stiefel.....	10.00
J. W. Jonasson.....	20.00
Dr. Jacob Katz.....	10.00
Mrs. Sadie Kaufax.....	25.00
Mr. and Mrs. Alexander H. Kridel—In memory of Mr. Milton M. Klein..	20.00
Mortimer Lahm—In memory of Mr. Leonard Goodman.....	10.00
Mrs. Edwin Lane—In memory of Mr. Dave Joseph.....	10.00
La Prensa—(Through Greater New York Fund).....	15.00
Mrs. Antonietta Lescio—In memory of Dan Scarpone.....	10.00
Mr. and Mrs. George B. Levy—In memory of Mrs. David M. Frank....	10.00
Mr. and Mrs. Jesse J. Ludwig—In memory of Mr. Lawrence L. Goldsmith	10.00
Miss Grace M. Mayer—In memory of Dr. Leo Kessel.....	10.00
Mrs. Joseph G. Mayer—In memory of Mr. Joseph G. Mayer.....	15.00
Jo. Mayo—In memory of Mr. Ernst Frohnknecht.....	25.00
Harry Merl	10.00
Lester Meyer—In memory of Mrs. Rose Fields.....	10.00
Mrs. Victor Olsa—In memory of Judge Edgar J. Lauer.....	10.00
Mrs. Alice Wasserman and Mr. and Mrs. William Fisher—In memory of	
Mr. David A. Weill.....	10.00
Mrs. Charles A. Wimpfheimer—In memory of Mr. Emil Baerwald.....	10.00
Mrs. Charles A. Wimpfheimer—In memory of Mrs. Julia Furchtgott...	10.00
Mrs. Charles A. Wimpfheimer—In memory of Mrs. Harriet Goodhart..	10.00
Mrs. Charles A. Wimpfheimer—In memory of Mr. Max L. Kaufman..	10.00
Mrs. Charles A. Wimpfheimer—In memory of Mr. Julius Oppenheimer	10.00
Mrs. Charles A. Wimpfheimer—In memory of Mrs. Julius Oppenheimer	10.00
Mrs. Charles A. Wimpfheimer—In memory of Mrs. Settie Sachs.....	10.00

MISCELLANEOUS DONATIONS RECEIVED

Mrs. Charles A. Wimpfheimer—In memory of Mrs. Jacob Strauss.....	\$ 10.00
Miscellaneous Donations (less than \$10.00).....	<u>48.24</u>
<i>Total</i>	<u><u>\$643.24</u></u>

DEDICATED BUILDINGS

CHILDREN'S PAVILION

Erected in Loving Remembrance of
LEWIS EINSTEIN *and* MILLY EINSTEIN FALK
by HENRY L. EINSTEIN ... 1921

PRIVATE PAVILION

Dedicated to the Memory of
MEYER *and* BARBARA GUGGENHEIM
by their Children ... 1920

OUT-PATIENT BUILDING

Dedicated to the Memory of
MAYER LEHMAN
by his Children ... 1904

ADOLPH LEWISOHN PATHOLOGICAL *and* LABORATORY BUILDING

Donated *by* ADOLPH LEWISOHN ... 1904-1922

AUDITORIUM

Dedicated to the Memory of
GEORGE BLUMENTHAL, JR.
by FLORENCE *and* GEORGE BLUMENTHAL ... 1920

DEDICATED BUILDINGS

LABORATORY BUILDING

Dedicated to the Memory of

ABRAHAM *and* AMELIA MEYERS ... 1938

CHILDREN'S CLINIC

Dedicated to the Memory of

FLORENCE HENRIETTA WALTER

and MARJORIE WALTER GOODHART

by their Parents

FLORENCE B. *and* WILLIAM I. WALTER ... 1916-1923

ENDOWMENT OF WARDS

THE CHARLES A. WIMPFHEIMER WARDS
For Surgical Treatment of
Diseases of the Stomach and Intestines
Founded by CHARLES A. WIMPFHEIMER ... 1916

THE ADOLPH BERNHEIMER
MEMORIAL WARD
Founded by his Daughter, ROSIE
February 16th, 1897

THE MRS. ADOLPH BERNHEIMER
MEMORIAL WARD
Founded by her Daughters
ROSIE BERNHEIMER *and* FLORENCE B. WALTER
February 16th, 1916

MAIN OPERATING ROOM
Dedicated to the Memory of
ISAAC *and* BABETTE BLUMENTHAL
By ALFRED, GUSTAV, HUGO, BENJAMIN,
and GEORGE BLUMENTHAL ... 1904

GENITOURINARY WARD
Dedicated to the Memory of
JOEL GOLDENBERG
By Provision in his Will ... 1904

THE SIMON ROTHSCHILD WARD
In Perpetuity ... 1905

THE EMANUEL LEHMAN
MEMORIAL WARD
Dedicated February 15th, 1911
Founded by
MRS. SIGMUND LEHMAN, MRS. EVELYN L. EHRLICH,
MR. PHILIP LEHMAN

THE JOSEPH AND SOPHIA SACHS
MEMORIAL WARDS
Dedicated to the Memory of their Parents by
SAMUEL *and* HARRY SACHS ... 1913

ENDOWMENT OF WARDS

THE ELIAS WARD

in this Ward Beds were Endowed:

Three Beds in Memory of Raphael Elias

Three Beds in Memory of Sarah Elias

Three Beds in Memory of Robert F. Elias

Three Beds in Memory of Henry F. Elias

All Founded by the Provision in the Will of

HENRY F. ELIAS ... 1928

THE ALFRED AND HANNAH

BLUMENTHAL WARD

Founded 1922

THE LOUIS N. KRAMER MEMORIAL

Founded by Provision in his Will ... 1930

THE BELLA STIEFEL WARD

Provided in the Will of

BELLA STIEFEL

1939

ENDOWMENT OF ROOMS

Dedicated to the Memory of
LINA MEYER ASIEL
By ELIAS ASIEL ... 1904

THE EDWARD LAUTERBACH ROOM
Dedicated in Perpetuity by the Board of Trustees of
The Mount Sinai Hospital in Grateful Recognition of
His Eminent Services... 1904

Dedicated by
DISTRICT GRAND LODGE No. 1
INDEPENDENT ORDER FREE SONS OF ISRAEL
M. SAMUEL STERN, *Grand Master*
FOUR BEDS ... 1901

Dedicated for the Benefit of
THE ALUMNAE OF
THE MOUNT SINAI HOSPITAL
SCHOOL OF NURSING
By MRS. MAX NATHAN ... 1904

Dedicated to the Alumnae of
THE MOUNT SINAI HOSPITAL
SCHOOL OF NURSING
By
MR. AND MRS. CHARLES KLINGENSTEIN
1931, 1941 and 1947

ENDOWMENT OF ROOMS

In Memory of
ISAAC STRAUSS
1825-1876
Endowed by his Son
CHARLES STRAUSS . . . 1934

In Memory of
HENRIETTA STRAUSS
1819-1893
Endowed by her Son
CHARLES STRAUSS . . . 1934

THE JACOB AND HENRIETTA SNEUDAIRA ROOM
Founded by Provision in the Will of
MOSES J. SNEUDAIRA . . . 1935

In Memory of
DAVID, ROSINE, LEOPOLD, MAX, BERTHA
and HENRIETTA OETTINGER
Endowed by
Estella Oettinger
1946

TABLETS

IN COMMEMORATION OF DISTINGUISHED SERVICES RENDERED TO AND LIBERAL BENEFACTIONS BESTOWED UPON THE MOUNT SINAI HOSPITAL

From 1852 to 1900

SAMPSON SIMSON Founder of THE MOUNT SINAI HOSPITAL 1852	BENJAMIN NATHAN, President And MORRIS FATMAN, Treasurer For Donations Which Initiated the Permanent Fund in 1869
HARRIS ARONSON For Devoted Services For More Than 20 Years Died, Feb. 8, 1879, While President	JUDAH TOURO For his Liberal Bequest 1867
LEWIS PHILLIPS For his Generous Bequest 1876	SARAH BURR For her Many Benefactions From 1886 to 1893
EMANUEL B. HART A Vice-President For his Efforts in Obtaining Land For the New Hospital in 1869	MICHAEL REESE San Francisco For his Liberal Bequest 1878

MAYER LEHMAN
For his Services
As a Director for 20 Years
And for his Liberal Contributions
1897

(Erected in Administration Building)

1904

THE
MOUNT SINAI HOSPITAL
ORGANIZED AS THE JEWS HOSPITAL
FEBRUARY 25th 1852
LOCATED ON WEST 28th STREET
BETWEEN 7th AND 8th AVENUE
CORNER STONE LAID NOVEMBER 24th 1853
DEDICATED MAY 17th 1855
BUILDING COMMITTEE

HENRY HENDRICKS
J. D. PHILLIPS JOHN M. DAVIES

HOSPITAL ON LEXINGTON AVENUE
66th AND 67th STREETS
CORNER STONE LAID MAY 25th 1870
DEDICATED MAY 27th 1872

BUILDING COMMITTEE
BENJAMIN NATHAN SAMUEL A. LEWIS
JOSEPH FATMAN JOHN M. LAWRENCE
EMANUEL B. HART LEWIS MAY

(Erected in Administration Building)

TABLETS

In Grateful Recognition
Of the
Generous Contributions
To this Library

By
NATHAN M. T. SONDHEIMER
of
Frankfort am Main
Germany
(Erected in Medical Library)

THE
MOUNT SINAI HOSPITAL

CORNER STONE LAID MAY 22nd 1901
DEDICATED MARCH 15th 1904

ISAAC WALLACH	PRESIDENT
ISAAC STERN	VICE PRESIDENT
DAVID WILE	SECOND VICE PRESIDENT
E. ASIEL	TREASURER
LEO ARNSTEIN	SECRETARY

DIRECTORS

HENRY GITTERMAN	ADOLPH LEWISOHN
SIMON ROTHSCHILD	ISAAC N. HEIDELBERG
MAX NATHAN	EMIL S. LEVI
GEORGE BLUMENTHAL	MURRY GUGGENHEIM
HERMAN MENDEL	JEFFERSON SELIGMAN
EDWARD OPPENHEIMER	HENRY MORGENTHAU
MORRIS S. BARNET	JACOB EMSHEIMER
HENRY R. ICKELHEIMER	JAMES SPEYER
MEYER H. LEHMAN	LOUIS M. JOSEPHTHAL
KALMAN HAAS	HUGO BLUMENTHAL
JOSEPH F. CULLMAN	CHARLES A. WIMPFHEIMER
JOSEPH FOX	M. SAMUEL STERN
ADOLPH HERRMANN	HONORARY DIRECTOR

BUILDING COMMITTEE

ISAAC STERN	CHAIRMAN
MAX NATHAN	ISAAC WALLACH
JOSEPH FOX	EDWARD OPPENHEIMER
SIMON ROTHSCHILD	ADOLPH LEWISOHN
ARNOLD W. BRUNNER	WILLIAM SCHICKEL
Architect	Consulting Architect

(Erected in Administration Building)

TABLETS

1904

THE LADIES AUXILIARY SOCIETY
OF THE
MOUNT SINAI HOSPITAL

DONORS IN MEMORIAM

ALVINA BARNET	RACHEL S. LEVY
SOPHIA BEER	ESTHER S. MOSES
ALINE BERNHEIM	CAROLINE NEUSTADTER
GUSTAVE BERNHEIM	RACHEL PFEIFFER
HENRIETTA COOK	JOSEPHINE ROTHSCHILD
CLARA GLAZIER	MATHILDE ROTHSCHILD
AMELIA KLINGENSTEIN	WILLIAM ROTHSCHILD
FANNIE LANGSDORF	HENRIETTE SELIGMAN
AMELIA LAVANBURG	NETTIE SELIGMAN
HANNAH LAVANBURG	HANNAH VOGEL
ROSA LEHMAN	HANNAH WISE
DAVID LEVENTRITT	CARRIE WORMSER

(Erected in Administration Building)

1904

THE LADIES AUXILIARY SOCIETY
OF THE
MOUNT SINAI HOSPITAL

MRS. M. H. MOSES	PRESIDENT
MRS. J. A. COOK	1st VICE-PRESIDENT
MRS. LOUIS LAVANBURG	2nd VICE-PRESIDENT
MRS. JULIUS BEER	TREASURER
MRS. J. R. SELIGMAN	HON. SECRETARY

DIRECTRESSES

MRS. S. BANNER	MRS. S. KLINGENSTEIN
MRS. G. BERNHEIM	MRS. R. LIMBURGER
MRS. L. BERNHEIMER	MRS. O. S. LOEB
MRS. J. BRETtauER	MRS. K. MANDEL
MRS. M. DITTENHOFFER	MRS. S. MARCKWALD
MRS. E. E. DREYFOUS	MRS. L. RANGER
MRS. JACOB ERDMAN	MRS. I. ROSENWALD
MRS. M. S. FECHHEIMER	MRS. V. H. ROTHSCHILD
MRS. J. FRANKENHEIMER	MRS. WM. ROTHSCHILD
MRS. A. FRIEDLANDER	MRS. L. B. SCHRAM
MRS. S. W. GLAZIER	MRS. JESSE SELIGMAN
MRS. A. JOSEPH	MRS. I. WORMSER, JR.
MRS. ISIDOR WORMSER—HON. DIR.	

(Erected in Administration Building)

TABLETS

In Memory of
HENRY GITTERMAN
In Grateful Recognition of
Fifty Years' Service as a Director
1866-1916
(Erected in Administration Building)

ABRAHAM JACOBI LIBRARY
Dedicated April 23, 1910
By the
Board of Directors
Of
The Mount Sinai Hospital
In
Grateful Recognition
Of
Fifty Years of Devoted
Unselfish and Illustrious
Medical Service Rendered
To the
Institution
(Erected in Medical Library)

This Tablet Has Been Set to Commemorate
The Voyage of the Good Ship LAPLAND Which
Left her Port in the United States of America
On the Sixth Day of February, Arriving Safely at
Her Destination in Europe on the Twenty-
Fifth Day of the Same Month
In the Year of Our Lord 1918,
After Crossing the Stormy and Perilous
Atlantic Under the Wise and Brave Command
Of CAPTAIN JOHN BRADSHAW.
She Carried Fifteen Hundred Canadian Troops,
Distinguished American Men of Science and the
Officers, Nurses, Enlisted Men, and Civilians
Forming the Personnel of the United States Army
Base Hospital, Number Three—
THE UNIT OF THE MOUNT SINAI HOSPITAL,
New York.
(Erected in Attendings Room)

In Memory of
BERTHA WEHLE NAUMBURG
Founded by her Son
WALTER W. NAUMBURG
March 3, 1922
(Erected in X-ray Department)

TABLETS

In Recognition of the
Patriotic Service of the
PHYSICIANS—SURGEONS—AND NURSES
Comprising
THE MOUNT SINAI HOSPITAL UNIT
BASE HOSPITAL NUMBER THREE
And of the Faithful
Service Rendered to
THE UNITED STATES GOVERNMENT
During the
World War 1917-1919
By Other
PHYSICIANS—SURGEONS—AND NURSES
Of
THE MOUNT SINAI HOSPITAL AND DISPENSARY
This Tablet is Dedicated
By the Trustees of
The Mount Sinai Hospital
1919
(Erected in Main Hall)

Equipped by
LOUISA AND SAMUEL SACHS
In Memory of their Daughter
ELLA SACHS PLOTZ
1923
(Erected in X-ray Museum)

DEPARTMENT OF RADIUM AND RADIO-THERAPY
FLORETTE and ERNST ROSENFELD FOUNDATION
1923
(Erected in Radio-Therapy Department)

OUT-PATIENT DEPARTMENT DENTAL CLINIC
Equipped and Supported by
DAVID A. SCHULTE
1925
(Erected in Out-Patient Department)

Dedicated to the Memory of
ISAAC AND SARAH ERDMANN
1925
(Erected in Pathological Lecture Hall)

TABLETS

Erected by
CHARLES A. WIMPFHEIMER
A Most Generous Friend of the Hospital
1926
(Erected in North Building Laboratory)

In Loving Memory of
ETTA COHEN LORSCH
1928
(Erected in Social Service Department)

In Grateful Appreciation of the Generous Benefactions of
MARGARET OLIVIA SAGE
Made in Memory of her Husband
RUSSELL SAGE
1918
(Erected in Administration Building)

In Grateful Recognition of a Munificent Bequest
Made by
JOSEPH FRANK
1919
(Erected in Administration Building)

In Memory of
MARTIN HERMAN
Bequeathed by his Brother, ALEXANDER HERMAN
1927
(Erected in Administration Building)

In Grateful Recognition and Remembrance of the Generosity and Services of
SIDNEY S. PRINCE
Trustee and Officer of The Mount Sinai Hospital
1929
(Erected in Administration Building)

To Commemorate
The Endowment of the JACOB NEWMAN Beds
Founded by Provision in his Will
1939
(Erected in Administration Building)

TABLETS

Erected on the Occasion of
The Eightieth Birthday
of
GEORGE BLUMENTHAL
By
His Fellow Trustees
To Record
Their Grateful Appreciation of
His Spirited Leadership and
Unparalleled Contribution
To the Development of this
Institution During Forty-
Six Years as Trustee and
Twenty-seven Years
As President
April 7, 1938
(Erected in Main Hall)

Dedicated to
HUGO BLUMENTHAL
President—Director—Adviser—Friend
In Grateful Recognition of
His Many Years of Devoted Service
To
THE MOUNT SINAI HOSPITAL SCHOOL OF NURSING
ITS STAFF AND STUDENT NURSES
Board of Directors
The Faculty
Alumnae Association
January 1, 1941
(Erected in Nurses' Residence)

In Memory of
LT. COL. LOUIS S. GIMBEL, JR.
United States Army Air Corps
By his Associates of S. S. Steiner, Inc.
1942
(Erected in Administration Building)

IN GRATEFUL RECOGNITION OF THE GENEROSITY OF
MR. AND MRS. ALLEN L. GOLDFINE
IN PROVIDING SUPPORT FOR SCIENTIFIC RESEARCH
IN RADIOACTIVE ISOTOPES
1945
(Erected in Administration Building)

TABLETS

In Memory of
LOUISE F. UNTERMYER
Member of the Social Service Auxiliary
1939-1944
(Erected in Patients' Library)

In Memory of
PFC. KURT F. MAXWELL
United States Army
Philippines, 1944
(Erected in Administration Building)

1941-1945
IN MEMORY OF THE PERSONNEL OF
THE MOUNT SINAI HOSPITAL
WHO GAVE THEIR LIVES
IN THE SERVICE OF THEIR COUNTRY
DURING WORLD WAR II

Nils T. Carlson
Sidney C. Feinberg, M.D.
Andrew Goldstein
Jerome W. Greenbaum, M.D.
Eugene M. Holleb, M.D.
Herman L. Jacobius, M.D.

Goodell G. Klevan, M.D.
Joe Owesney
Benjamin Ritter, M.D.
Helen E. Rogers, R.N.
Stanley J. Snitow, M.D.

ERECTED BY THE MEDICAL STAFF OF
THE MOUNT SINAI HOSPITAL
(Placed in Medical Staff Room)

IN GRATEFUL RECOGNITION
AND REMEMBRANCE
OF THE
GENEROSITY AND SERVICES
TO THIS CLINIC
BY
MRS. CHARLES KLINGENSTEIN
1946
(Erected in Children's Clinic)

In Memory of
KAREL LODEWIJK VOORZANGER
June 20, 1903-January 20, 1930
Of Rotterdam, The Netherlands
By His Parents

TABLETS

DEDICATED
TO THE MEMORY OF
ANNIE H. KAHN
FRED HIRSCHHORN
CHARLES HIRSHON

BY
FRANCES C. KAHN
1948

(Erected in Administration Building)

FORM OF BEQUEST

I give and bequeath to The Mount Sinai Hospital of the City of New York, incorporated in 1852.

the sum of
to be used for

PERPETUAL BEDS

IN MEMORY OF:

LOUIS W. NEUSTADTER Dedicated by his wife...1873	NATHAN ASIEL Dedicated by his family...1883
DANIEL JOSEPH JAFFE Dedicated by the family...1874	SIEGMUND SPINGARN Dedicated by his family...1884
ISAAC DITTENHOEFER Dedicated by A. J. Dittenhoefer...1874	EMANUEL HOFFMAN Dedicated by his family...1884
LEWIS EINSTEIN...1875	ADOLPH HALLGARTEN...1885
KATY WHITE Wife of J. L. Englehart Niece of Jonas and Yette Heller...1875	SIPHRA STERN Dedicated by her children...1887
MARY ROSENBAUM By her husband, S. D. Rosenbaum...1876	BENJAMIN F. MEYER Dedicated by his brother...1887
LAZARUS HALLGARTEN...1876	JONAS HELLER Dedicated by his family...1887
MARTIN and JOSEPH BACHRACH Beloved sons of Samuel and Babette Bachrach...1877	HENRY HERRMAN Endowed by Esther Herrman...1889
MINA SCHAFER Dedicated by her children...1878	HENRYETTE MORTIMER and EDWARD ROSENFELD Dedicated by the husband and father...1889
BENJAMIN NATHAN Dedicated by will of his wife...1879	MAURIE E. ANSBACHER Dedicated by Adolph B. and Frances E. Ansbacher...1889
SARAH HEINEMANN...1879	SIDNEY SPEYER Dedicated by James Speyer...1890
ABRAHAM SCHOLLE...1880	NATHAN LITTAUER...1891
LEONORA WORMSER Vice-President of the Ladies' Auxiliary Society Wife of Simon Wormser...1880	HIRSCH WALLACH and BIENCHEN WALLACH Dedicated by Isaac Wallach...1891
NATHAN BLUN Endowed by his children...1880	LOUISE LITTAUER Daughter of Nathan and Harriet Littauer...1891
MARY S. SAHLEIN Wife of William Sahlein...1881	ROSA VEIT...1892
WILLIAM SAHLEIN...1881	SOPHIA ROTH Dedicated by Ludwig Rot...1892
DAVID WALLERSTEIN...1881	BERNARD L. and FANNY TIM Endowed by Louis and Solomon Tim...1892
HARRIS ARONSON...1881	SIGMUND ROBERTSON Dedicated by the family...1892
ARNOLD UHLMAN Dedicated by the family...1883	GRACE A. L. CULLMAN Dedicated by her husband...1892
JOSEPH RECKENDORFER Dedicated by his wife...1883	ESTHER ASIEL Dedicated by her son...1892
ISAAC AND IDA MEYER Dedicated by their children...1883	MOSES WASSERMAN...1893
HERMAN FRIEDLANDER Dedicated by his family...1883	

PERPETUAL BEDS

- DR. JOSEPH MAINZER
Dedicated by his brother...1893
- JOHANNA FATMAN
Dedicated by S. A. Fatman...1893
- SYLVESTER BRUSH and
SARAH, HIS WIFE
Dedicated by their children...1893
- JESSE SELIGMAN
Dedicated by the family...1894
- BABETTE SCHOLLE
Dedicated by her children...1894
- ALBERT S. ROSENBAUM...1894
- ISRAEL D. and HENRIETTA WALTER
Dedicated by William I. Walter...1894
- ISAAC BERNHEIMER...1894
- MORITZ JOSEPH THAL
Dedicated by his widow...1895
- LEOPOLD BOSCHOWITZ
Dedicated by his brothers and sisters
1837-1895
- JOSEPH LOUIS MYERS
Dedicated by Louisa Myers...1895
- ADOLPH T. SCHOLLE
Dedicated by his father...1895
- ADOLPH BERNHEIMER
Dedicated by Miss Rosie Bernheimer...1895
- BERTHA MORRIS
Dedicated by her relatives...1896
- DAVID WALLACH
Chicago, Ill...1896
- MAYER GOLDSMITH
Dedicated by his widow...1896
- MATHILDA OPPENHEIMER
Dedicated by her husband...1897
- BERNARD MAINZER
Dedicated by the family...1897
- CARL THEODOR MAYER
Dedicated by Antoinette Mayer...1897
- ADELAIDE BALLIN KING
Dedicated by her husband...1897
- MARIANE ICKELHEIMER
Dedicated by Mrs. Julie Heidelberg...1897
- JULIUS L. GOLDENBERG
Dedicated by his mother...1897
- BERNARD COHEN...1897
- S. J. SPIEGELBERG
A former Director of this Institution...1898
- ELIAS JACOBS
Dedicated by his wife...1898
- Mr. and Mrs. GEORGE BLUMENTHAL
1898
- ROSALIE NATHAN
Dedicated to the Cause of Humanity...1899
- MARTIN H. LEHMAIER...1899
- LYDIA WOLFF
Wife of Abraham Wolff...1900
- ABRAHAM WOLFF...1900
- DAVID MARKS
Dedicated by his wife...1900
- LOUISE HOFFMAN
Dedicated by her children...1900
- HOUSMAN MEMORIAL BEDS
Dedicated by Arthur A. Housman
(Two Beds)...1900
- ROBERT GRAHAM DUN...1900
- HIS WIFE, BERTHA,
and DAUGHTER, SOPHIE
Dedicated by David Kohn...1900
- SIMON AND ROSETTA S. BERNHEIMER
Dedicated by Jacob S. Bernheimer...1900
- HENRIETTA RUBENS
Dedicated by Charles Rubens...Paris, 1901
- LAZARUS and BABETTE MORGENTHAU
Dedicated by Henry Morgenthau...1901
- EDWARD B. SIMON
Dedicated by his wife...1901
- JOSIAH L. WEBSTER
Dedicated by C. B. Webster...1901
- JOSEPH KAUFMAN
Founded by provision in his will...1901
- EMANUEL LAUER
Dedicated by his daughters,
Carrie Lehman and Sophie Goodhart...1901
- BERNARD and HENRIETTA HEINEMAN
Dedicated by Moses Heineman...1901
- MARX and SOPHIE HORNTHAL
Dedicated by their children...1901
- MOSES BRUHL
Dedicated by his wife and daughters...1901

PERPETUAL BEDS

- MORITZ and ERNESTINE COHN
Dedicated by their children...1901
- BETTY LOEB
Dedicated by Solomon Loeb...1902
- ELIZABETH JEFFRIES GARVEY
Dedicated by Andrew Jeffries Garvey
(Two Beds)...1902
- LOUIS and YETTA STIX...1902
- THEODORE G. WEIL...1902
- JACOB RUBINO
(Two Beds)...1902
- FANNY MYERS
Dedicated by David E. Sicher...1902
- JACOB S. BERNHEIMER
Dedicated by his wife and children...1902
- BERNARD BARUCH
Endowed by his grandson...1902
- Dedicated by
THE HEBREW MUTUAL BENEFIT
SOCIETY
To Commemorate Its 75th Anniversary
1902
- RACHEL V. and CHARLES STERNBACH
Dedicated by Sidney M. Sternbach...1903
- FLORENTINE WEINBERG
Dedicated by Philip Weinberg...1903
- CLARA WERTHEIM
Dedicated by Henry P. Wertheim...1903
- JACOB BOOKMAN...1903
- EDWARD J. KING
Dedicated by his wife, Rosalie King...1904
- MARCUS L. STIEGLITZ
Dedicated by his wife, Sarah Stieglitz...1904
- JOSEPH FREEDMAN
Dedicated by his son, Andrew Freedman
1904
- SIMON BORG
Dedicated by his wife, Cecelia Borg...1905
- RUTH M. GROSS
By her parents, Morris and Carrie L. Gross
1905
- HANNAH VOGEL
Dedicated by her husband, William Vogel
1905
- M. S. MORK
Dedicated by his wife, Minnie Mork...1905
- Dedicated by
MR. and MRS. EUGENE MEYER...1905
- JOSEPH B. BLOOMINGDALE...1905
- ADOLPH HERRMANN
Founded by provision in his will...1906
- EDGAR HENDRICKS
HENRY H. HENDRICKS
and CLIFFORD B. HENDRICKS
Endowed by their mother,
Emma B. Hendricks...1906
- JOSHUA HENDRICKS
Endowed by his wife, Emma B. Hendricks
1906
- BENNETT and SARA B. KING...1906
- SAMUEL E. and MARY HALLE
Endowed by Jacques S. Halle...1906
- CECELIA BORG
Dedicated by her children...1906
- LYMAN G. and HATTIE BLOOMINGDALE
1906
- WALTER A. SCHIFFER
Dedicated by his wife...1907
- ISAAC WALLACH
Founded by provision in his will...1907
- LOUIS JOSEPH THAL
Founded by provision in his will...1907
- ISABELLA ARNOLD BERNHEIMER
Dedicated by her children...1907
- HEDWIG ROSENBAUM
By her husband, Sigmund D. Rosenbaum
1908
- LEOPOLD LADERER,
CAROLINE LADERER and
SAMUEL L. LADERER...1908
- EMILY LAZARUS
Founded by provision in the will of
Amelia B. Lazarus...1908
- SIMON W. GLAZIER
Dedicated by his wife and children...1908
- ISAAC S. and SARAH ERDMANN...1909
- ERNEST EHRMANN
Founded by provision in his will...1909
- SOLOMON HERZOG
Founded by Edward N. Herzog...1909

PERPETUAL BEDS

- ARTHUR A. HOUSMAN
Founded by provision in his will
(Two Beds)...1909
- ABRAHAM B. FRANK
Dedicated by his wife...1909
- LEOPOLD GUSTHAL
Dedicated by his sisters...1909
- GUSTAV BERNHEIM
Dedicated by his wife and children...1909
- MARY MAYER
Founded by David Mayer...1910
- THERESE JOSEPHTHAL
Founded by provision in her will...1910
- EDWARD A. and BERTHA R. PRICE
Founded by Julie Price Erdman...1910
- DR. JOSEPH SCHNETTER
Founded by provision in his will
(Three Beds)...1910
- BERTHA HORN
Founded by provision in the will of
Michael Horn...1910
- REV. DR. GUSTAVE GOTTHEIL
Rabbi, Temple Emanu-El...1873-1899
Founded by Paul Gottheil...1910
- DR. HERMAN BAERWALD
Founded by Paul Baerwald...1910
- VALENTINE and FANNY LOEWI
Dedicated by the family...1911
- EDNA SAKS LEVY
Dedicated by Mr. and Mrs. Andrew Saks
1911
- EMMA ROSENWALD
Founded by provision in her will...1911
- HENRY ROSENWALD
Founded by Mrs. Henry Rosenwald...1911
- ALLEN L. MORDECAI
and KATE MORDECAI
Dedicated by their children...1911
- ALEXANDER L. KAUFMANN
Founded by provision in his will...1911
- JULIUS EH RMANN
Founded by provision in the will of
Mathilda Ehrmann...1912
- JAMES and AMELIA STRAUSS
Founded by provision in the will of their son,
Nathan F. Strauss...1912
- DR. MAX HERZOG
Founded by
Mr. and Mrs. Abram N. Stein...1912
- DR. WOLFGANG MACK...1808-1883
Founded by provision in the will of
Jacob W. Mack...1912
- JACOB WOLFGANG MACK 1845-1912
Dedicated by Jennie and Ella Heyman...1912
- LUISE MACK...1808-1887
Founded by provision in the will of
Jacob W. Mack...1912
- MATHILDA EH RMANN
Founded by provision in her will...1912
- FLORENCE HENRIETTA WALTER
Dedicated by Miss Rosie Bernheimer...1913
- MARCUS and BERTHA GOLDMAN...1913
- LEWIS S. LEVY
Founded by provision in his will...1914
- MARY LEVY
Founded by provision in the will of
Lewis S. Levy...1914
- JULIUS and FANNY ROBERTSON
Founded by provision in his will...1915
- MAURICE and MATHILDE SELIGMANN
Dedicated by
George and Arthur Seligmann...1915
- ERWIN BEIT VON SPEYER
Founded by his uncle, James Speyer...1915
- MAX and NINA HERZOG
Dedicated by their daughter,
Bella H. Kaufmann...1915
- SAMUEL and HELENE PRINCE
Dedicated by their children...1915
- LEONARD S. PRINCE
Dedicated by his father and mother
December 22, 1915
- MADGE N. HAAS...1915
- DAVID, GUSTAVE B. and
CHARLES CALMAN
Founded by provision in the will of
Emma Calman...1915
- TILLIE HOCHSCHILD...1916
- MRS. SAMUEL H. SPINGARN
Endowed by provision in the will of
Samuel H. Spingarn...1916
- SAMUEL H. SPINGARN
Endowed by provision in his will...1916

PERPETUAL BEDS

HENRIETTA BONDY
Founded by her son, Emil C. Bondy...1916

JACOB and ROSINA ERDMANN
Founded by Albert J. Erdmann...1916

CHARLES BONDY
Founded by his son, Emil C. Bondy...1916

KARL SCHWABACH
Founded by his uncle, James Speyer...1917

HENRY and ROSALIE KLINGENSTEIN
Dedicated by their son,
Charles Klingenstein...1917

JOSEPHINE and DAVID SALZER
Dedicated by Leopold Salzer...1917

MRS. ISAAC WALLACH
Founded by provision in her will...1917

JOHANNA and ROSALIE MOSES
Dedicated by their sister,
Julia R. Ballerstein...1917

BERNHARD STERN
Dedicated by his brother, Benjamin Stern
1917

AMELIA HEIDELBERG
Dedicated by Isaac N. Heidelberg...1917

RACHEL H. PFEIFFER
Founded by provision in her will...1917

BELLE GLAZIER BERNHEIMER
Founded by provision in her will...1917

CHARLES E. SCHAFER
Endowed by his wife...1917

Endowed by
MR. and MRS. PHILIP J. GOODHART
1918

THERESA and JOSEPH FOX...1918

LOUISE and LEOPOLD SALZER
Dedicated by their children
(Two Beds)...1918

JOSHUA ROTHBLATT
Dedicated by his parents,
Bernard and Ida Rothblatt...1919

In Celebration of the Ninetieth Birthday of
MAX NATHAN...April 15, 1919
Presented by his daughter, Irma N. Straus

MEYER H. LEHMAN
Dedicated by his sisters, Mrs. Harriet Weil
and Mrs. Bertha Rosenheim...1919

JULIUS LEWISOHN
London, England
Dedicated by his son...1919

WILLIAM KLINGENSTEIN
of London, England
Dedicated by his nephew,
Charles Klingenstein...1919

EMMA and ALBERT KASKEL
Founded by provision in the will of
Emma H. Kaskel...1919

MAYER LEHMAN and BABETTE LEHMAN
Dedicated (Two Beds)...1919

Dedicated to
THE CLARA DE HIRSCH HOME
By Dr. Josephine Walter...1919

LOUIS M. SONNENBERG
Founded by provision in his will...1919

ALAN HARRY SIMON
Dedicated by
Mr. and Mrs. Harry G. Simon...1919

FERDINAND A. STRAUS
Dedicated by his son, Lionel F. Straus...1919

HENRY BENDHEIM
Dedicated by his brother,
Adolph D. Bendheim...1919

LEVI BAMBERGER
Founded by Albert and Clara Blum...1919

THE FORMER TENANTS OF
JOHN D. WENDEL
Three beds dedicated by
G. G. R. Wendel...1919

SARA SONNENBERG BECK
Dedicated by Martin Beck...1919

ARON WEIL
Dedicated by his wife, Dora Weil...1919

Dedicated by
Mr. and Mrs. HENRY BUDGE...1920

VITUS and FANNY LAMBERT
Dedicated by their son,
August V. Lambert...1920

OSCAR M. LEISER
Founded by provision in his will...1920

EDITH STINE SCHIFFER
Founded by her husband, Jack W. Schiffer
1920

MAYER and BABETTE LEHMAN
Dedicated by
Mr. and Mrs. Morris Fatman...1920

PERPETUAL BEDS

ALPHONS LEWIS
Founded by provision in his will...1920

DAVID LEHMAN
Dedicated by his sisters, Mrs. Harriet Weil
and Mrs. Bertha Rosenheim...1920

MATILDA OLENDORFF
Dedicated by her husband...1920

MARJORIE WALTER GOODHART
Founded by Miss Rosie Bernheimer...1920

In Celebration of the Seventy-fifth Birthday of
FRANCES M. FECHHEIMER
September 4, 1920
Dedicated by her son, Sam M. Fechheimer

MAX J. BREITENBACH
Dedicated by his wife and children...1920

AARON and JOHANNA FATMAN
Dedicated by
Mr. and Mrs. Morris Fatman...1920

ALINE BERNHEIM
Founded by her sons,
George B. and Alfred L. Bernheim...1921

ELLIN PRINCE SPEYER
Founded by her husband, James Speyer
1921

ARNOLD and FANNIE FALK
Dedicated by Myron S. Falk
and K. George Falk...1921

ROSALIE, FANNIE, CHARLES, SIMON
and JOSEPH LEDERER
Founded by provision in the will of
Charlotte Lederer...1921

SAMUEL and BELLA HAAS
Founded by Mrs. Dudley D. Sicher...1921

HENRY and HANNA HERRMANN
Dedicated by their son,
Frederick Herrmann...1921

JACOB L. and SOPHIE KOPF
Dedicated by their children...1921

ESTHER WYMAN
Founded by provision in her will...1921

SYDNEY MICHAEL HYMAN,
Dedicated by his parents,
Michael and Rose Hyman...1921

CLARA GLAZIER
Founded by provision in her will...1922

CARRIE RAPP and SAMUEL RAPP
Founded by provision in the will of
Samuel Rapp...1922

DAVID JAMES KING and
ADELAIDE BALLIN KING
Dedicated by their daughter,
Louise King Reckford...1922

CAROLINE BOOKMAN
Founded by provision in her will...1922

DOROTHEA HAAS WEILER
Founded by provision in the will of her son,
Charles H. Weiler...1923

MARKS WEILER
Founded by provision in the will of his son,
Charles H. Weiler...1923

JACOB H. SEMEL
Founded by provision in his will...1923

MORRIS S. BARNET and ALVINA BARNET
Dedicated by Morris S. Barnet
(Two Beds)

Dedicated by
ADDIE W. KAHN...1923

WALTER J. ROSE
Dedicated by his mother...1924

GABRIEL MAYER, ANTOINETTE MAYER,
OTTO L. MAYER
Founded by provision in the will of
Otto L. Mayer...1924

Endowed by
ABRAHAM ERLANGER...1924

Founded by
CHARLES HENDRICKS...1924

ELLA HELLMAN
Founded by provision in her will...1924

SOLOMON C. GUGGENHEIMER
March 24th, 1924

JACOB WERTHEIM
Dedicated by his wife,
Emma Stern Wertheim...1925

LOUIS S. FRANKENHEIMER
Dedicated by
Ida and Rose Frankheimer...1925

PAULINE MAYERS
Endowed by her husband, Morris Mayers
1925

ELKAN and BERTHA NAUMBURG
Dedicated by their son,
Walter W. Naumburg...1926

SIEGFRIED W. MAYER
Founded by provision in his will...1926

PERPETUAL BEDS

SAMUEL BAUMANN
Dedicated by his wife,
Henrietta Baumann...1926

HENRIETTA RAWITSER
Dedicated by her daughter,
Theresa V. Rawitser...1926

MORRIS ROSSIN
Dedicated by his wife, Martha S. Rossin
1927

LEWIS SCHOOLHOUSE
Endowed by Joseph Runnheim...1927

Dedicated to their friends
GEORGE and FLORENCE BLUMENTHAL
By Edmond and Suzanne King Bruwaert
1927

SAMUEL J. and ESTHER GANS
Dedicated by their son, Simeon C. Gans
1927

Endowed by
MR. and MRS. ALBERT E. GOODHART
1927

ARTHUR E. FRANK...1927

JACOB HIRSH
Dedicated by his wife, Julia Hirsh...1927

SOLOMON FRIEDMAN and
AMELIA G. FRIEDMAN...1928

SAMUEL BACHRACH and
BABETTE BACHRACH...1928

RICHARD M. HOMBERG
Founded by provision in the will of
Florence N. Homberger...1928

ISAAC N. HEIDELBERG
Dedicated by his daughters...1928

WILLIAM VOGEL
Dedicated by his sons, Harry William and
Bernard William Vogel...1928

HERMAN RAWITSER
Dedicated by his wife,
Theresa V. Rawitser...1929

AL and MINNIF HAYMAN
Founded by provision in the will of
Minnie Hayman (Two Beds)...1929

ADA HEIDELBERG STRAUSS
Dedicated by her husband,
Seymour A. Strauss...1929

REBECCA FRIEDLANDER
Founded by provision in her will...1929

HEINEMANN and ROSA VOGELSTEIN
Dedicated by their children...1929

MAYER MAYER and FANNY MAYER
Dedicated by Bernhard Mayer...1929

MARY SMALL EINSTEIN
Dedicated by her husband, I. D. Einstein
1930

HENRY STERN and MATHILDA STERN
Dedicated by their son, Meyer Stern...1930

SELINA E. SUMMERFIELD
Founded by provision in her will...1931

LUCY HERZFELD
Dedicated by Felix and Ida Herzfeld...1932

RICHARD and
MATILDA SIDENBERG...1932

HENRY BLOCK
Bequest of Alice A. Kohler...1932

FRED H. GREENEBAUM
Founded by provision in his will...1933

JULIA HIRSH
Dedicated by her children (Two Beds)
1933

HEYMAN and MARTHA PINCUS
Founded by provision in the will of
Martha Pincus...1933

ADOLPH, CHARLOTTE and
MARY ARBER
Founded by provision in the will of
Adolph Arber...1933

LUDWIG and REBECCA DREYFUSS
Founded by provision in the will of
Ludwig Dreyfuss (Two Beds)...1934

WILLIAM HYAMS
and EMMA HYAMS...1935

SARAH KING...1935

MYRON GOLDSMITH FRIEDENHEIT
(1898-1936)
Dedicated by his parents...1936

ELIZABETH P. HEWES
Founded by provision in her will...1936

ABRAM L. LOWENSTEIN...1936

LIONEL F. STRAUS
Dedicated by his wife, May H. Straus
(Two Beds)...1937

PERPETUAL BEDS

NATHAN and ELLA NECARSULMER
Bequeathed by their daughter,
Helena Necarsulmer...1937

RALPH J. JACOBS
Founded by provision in his will...1937

VIRGINIA GUINZBURG KLEINERT
1937

ELLEN IDA CARDOZO
Provided in the will of
Benjamin N. Cardozo...1938

ADOLPH F. HOCHSTADTER and
ROSA H. HOCHSTADTER
Endowed by their son,
Edwin A. Hochstadter (Two Beds)...1940

THERESA
Dedicated by her mother,
Theresa V. Rawitser...1941

BERNARD J. OETTINGER and
SERAPHINE OETTINGER
Dedicated by their children...1941

BERTHOLD and ANNA LEVI
Dedicated by their children...1941

IGNATZ and JULIA GOSSMAN UNZ
Dedicated by their son, Frederick T. Unz
(Two Beds)...1942

FRANK WALLACH
Founded by provision in his will...1942

IDA MAY WALLACH
Provided in the will of Frank Wallach
1942

Dedicated by
EDWIN A. HOCHSTADTER...1942

MAX J. and JENNIE M. BREITENBACH
1942

BELDEN ROACH
1942

EDWARD and ELIZA DAVIS
Endowed by the Davis Family...1943

JOSEPH HONIG
Founded by Louise H. Manley...1943

JACOB JACOBS and CORRINA JACOBS
Founded by their daughter,
Constance Marks...1943

FRANCIS MARION MARKS
and his wife, CONSTANCE MARKS...1943

SAMUEL J. ROSE
Provided in the will of
Sittah R. Rose...1944

ABRAHAM MORRIS
Founded by provision in the will of
Cornelia B. Morris...1944

ROSALIE MORRIS
Founded by provision in the will of
Cornelia B. Morris...1944

EDWARD and JULIA MORRIS
Founded by provision in the will of
Cornelia B. Morris...1944

JOSEPH and ELIZABETH FREEDMAN
and ISABELLA FREEDMAN
Endowed by
Daniel B. Freedman...1945

BECK J. GOLDSMITH
Founded by her niece,
Merle S. Haas...1945

LOUIS and IDA C. FRIEDLANDER
Founded by
Ida C. Friedlander...1945

DAVID W. and SARAH DAZIAN
HENRY W. and ADA A. DAZIAN
Founded in the will of
Henry W. Dazian...1945

BLANCHE MAMLOK
Provided in the will of
Dora Kleinberger...1946

HERBERT J. KAUFMANN
Dedicated by his parents
Herbert M. and Lillie H. Kaufmann...1946

Our Daughter
ROSALIND
Given by
Sylvia and Jacob Gray...1946

MARVIN E. KLEINBERGER
Provided in the will of
Dora Kleinberger...1946

MINNA LE VINO and
ALEXANDER M. LE VINO
Provided in the Will of Selma Le Vino...1947

LOUIS ADELS
1947

CARL W. STERN
Endowed by His Brothers...1947

ARTHUR C. MENDELSON
Dedicated by his brother,
Louis Mendelsohn...1947

DESSIE GREER
1948

PERPETUAL BEDS—CHILDREN'S PAVILION

IN MEMORY OF:

HENRY L. EINSTEIN
Founded by Cecelia Einstein...1922

SOL H. KOHN
Dedicated by Lillie V. Kohn...1922

BENJAMIN MORDECAI...1922

NELLIE M. RICE
(Two Beds)...1922

ROBERT REIS
Dedicated by Sarah Reis...1922

CARRIE WORMSER
Founded by provision in the will of her
daughter, Julia Seligman (4 Beds)...1922

CONSTANCE DAVIS MORDECAI
Founded by Benjamin Mordecai
(Two Beds)...1923

Dedicated by
DR. A. V. MOSCHCOWITZ
To commemorate the marriage of his daughter,
Frances Ethel Frowenfeld...1923

JOSEPH and BABET SEMEL
Founded by provision in the will of
Mrs. George Heyman...1924

GEORGE and HANNAH HEYMAN
Founded by provision in the will of
Hannah Heyman...1924

Endowed by
CECELIA EINSTEIN...1924

WILLIAM FRANKENHEIMER
Dedicated by
Ida and Rose Frankenheimer...1925

ABRAHAM LEIPZIG
Founded by provision in his will...1925

ADOLPH FRANK HOCHSTADTER
Endowed by Rosa Hayman Hochstadter
1926

ROSA HAYMAN HOCHSTADTER
Founded by provision in her will...1926

SOLOMON and AMALIA BONDY
Founded by provision in the will of
Maurice S. Bondy...1926

BABETTE ROTHSCHILD
Dedicated by her daughter, Ida R. Cullman
1926

MARX ROTHSCHILD
Dedicated by his daughter, Ida R. Cullman
1926

CHARLES and MARY WEISBERGER
1926

AARON BACHRACH and
JENNIE BACHRACH...1927

MARCUS LOEW
Dedicated by Caroline Loew...1928

PETER F. MEYER
Founded by provision in his will
(Five Beds)...1929

SAMUEL and
HATTIE BINSWANGER...1929

ADELAIDE F. PFEIFFER
Founded by provision in her will...1929

BERNARD ULMANN
Dedicated by his brother, Ludwig Ulmann
1930

AGNES C. RICE
Founded by provision in her will...1930

LAURA ROSSMAN
Dedicated by will of Selma Rossman...1932

ROBERT ROSSMAN
Dedicated by will of Selma Rossman...1932

SIMON and LUCY DRUKKER
Dedicated by the will of their daughter,
Jeannette D. Beaumont...1933

ELIAS KEMPNER
Founded by provision in his will...1933

LOUIS B. G. GARLAND
Dedicated by his parents,
Edward S. Garland and
Lillian B. Garland...1933

SAMUEL and ISABELLA KRITZMAN
Founded by provision in the will of
Isabella Kritzman (Five Beds)...1935

HERMAN LOEVY
Dedicated by Edwin F. Young
(Two Beds)...1936

FRANCES CLAYTON MOSES
Dedicated by her aunt,
Catherine Sampson...1936

LENA KEMP
Founded by provision in her will...1937

CELIA and SOLOMON OPPENHEIMER
Founded by provision in the will of
Solomon Oppenheimer...1938

PERPETUAL BEDS—CHILDREN'S PAVILION

LOUISE RENSKORF

Provided in the will of her mother,
Millie H. Renskorf...1938

AL HAYMAN and MINNIE HAYMAN

Endowed by their nephew,
Edwin A. Hochstadter
(Two Beds)...1941

JULIAN and SARAH F. NATHAN and
AARON Z. and REBECCA FRIEDMAN

Provided in the will of Julian Nathan...1941

Dedicated by

EDWIN A. HOCHSTADTER...1942

IGNATZ and JULIA GOSSMAN UNZ

Dedicated by their son, Frederick T. Unz
(Two Beds)...1942

GUSTAVE and SARAH BASCH

Founded by provision in the will of
Sarah Basch...1944

FLEURETTE and CORNELIA MORRIS

Founded by provision in the will of
Cornelia B. Morris...1944

GERTRUDE and RALPH PLATZEK

Provided in the will of their mother,,
Sarah Platzeck...1945

TAUBE KATZ

Dedicated by her children
1945

Endowed by

MYRON S. FALK...1945

DR. NICHOLAS SACHS and
ROSA MANDELSTAM SACHS

Provided in the will of
Eugenia N. Sachs Dreyer...1946

DORA KLEINBERGER

Founded by
Provision in her will
1946

MINNIE KASTOR

By her Husband Adolph Kastor
As a Token of Their Love for Their Children
1946

ANNETTE FLORANCE NATHAN

Provided in the Wills of
Frederick and Maud Nathan...1947

DR. LUDWIG M. MICHAELIS

DR. ALFRED M. MICHAELIS
Provided in the will of Jeannette Michaelis
(Two Beds)...1948

MEMORIAL BEDS

IN MEMORY OF:

- | | |
|--|---|
| EMANUEL DE CASTRO
Dedicated by Margaret D. Plant...1902 | MAYER and YETTE KATZENBERG
Dedicated by their children...1916 |
| JOSEPH E. HEIMERDINGER
Dedicated by his brother and sisters...1904 | RACHEL KAUFMANN
Dedicated by her husband,
Gustav Kaufmann...1918 |
| SAMUEL R. and JANE JACOBS
Dedicated by their children...1904 | MR. and MRS. EMANUEL S. KUH
Dedicated by their daughter,
Nellie Kuh...1918 |
| BABETTA AEDELSBERGER
Dedicated by her daughter,
Mrs. Emanuel M. Gattle...1905 | NATHAN COHEN
Founded by his parents,
Mr. and Mrs. Isaac Cohen...1921 |
| SAMUEL AEDELSBERGER
Dedicated by his daughter,
Mrs. Emanuel M. Gattle...1905 | ALFRED FRANK
Dedicated by his brothers and sisters...1923 |
| ISAAC A. and SARAH J. SINGER
Dedicated by a son...1906 | GEORGE and ROSE EPSTEIN and
THEIR SON, DAVID...1927 |
| MAX REUTLINGER
Dedicated by
Mr. and Mrs. Emanuel Reutlinger...1908 | MORRIS WOITITZ and
FRANCES S. WOITITZ...1937 |
| CHARLES MAYER
Founded by Max W. Mayer, January 18, 1909 | LEVI and SARAH GOLDENBERG
Founded by their daughter,
Helen B. Chaim...1938 |
| SIGMUND NEUSTADT
Dedicated by Mrs. Agnes Neustadt...1909 | AARON and AMY H. COLEMAN
By their daughters, Constance Coleman and
Janet C. Dillenberg...1940 |
| EDWARD I. LOEWENSTEIN
Dedicated by Max Loewenstein...1912 | EVELYN TANENBAUM
Provided in the will of Moses Tanenbaum
1940 |
| SELIGMAN and THERESE OPPENHEIMER
Dedicated by their children...1913 | LOUIS and HEINRICH STEINER
Founded by Hedwig and Julius Steiner
1942 |
| MICHAELIS H. ZIEGEL
Founded by his son, H. F. L. Ziegel...1913 | FELIX C. GOTTSCHALK
Dedicated by his wife,
Frances J. Gottschalk...1942 |
| FANNIE MANDELBAUM and
MAX MANDELBAUM
Dedicated by Bella Del Monte...1914 | EDWIN H. TUSKA
Founded in the will of Maud Tuska...1943 |
| HENRY LIEBMANN
Dedicated by his wife, Emma Liebmann
1915 | THE DOLLY GLASSCHEIB MEMORIAL
BEDS
Dedicated to the memory of his beloved wife
By
Arnold Glasscheib (Two Beds)...1944 |
| PAULINE, JACOB and
EDWARD S. BAMBERGER...1915 | MICHAEL and JENNY M. KALISKY
Founded by their son,
Joseph Kalisky...1945 |
| EDWARD C. HEYMANN
Dedicated by his parents,
Chas. E. and Helen R. Heymann...1915 | DR. MAX PORGES
Born, Marienbad, March 2, 1866
Died, New York, January 8, 1947 |
| RICHARD LIMBURG
Dedicated by Mrs. Clara L. Limburg...1916 | |
| FREDERICK JACOBI
Endowed by Flora and Frederick Jacobi
1916 | |

LIFE BEDS

Founded by
MRS. DEWITT J. SELIGMAN...1882

Founded by
ETHEL F. SELIGMAN
Daughter of
Mr. and Mrs. DeWitt J. Seligman...1897

Dedicated to
ELSIE NATHAN...1902

THE MAY S. HARLOW (née STERN)
LIFE BED
Founded by her, April 28, 1904

THE LUCILE M. S. VAN HEUKELOM
LIFE BED
Founded November 24, 1904

THE HELEN FOX LIFE BED
Founded by
Henry Morgenthau, April 7, 1906

Founded by
A FRIEND...1907

In Memory of
JOSEPH DANNENBERG
of Macon, Georgia

THE DR. MANGES LIFE BED
Founded by
A Friend of the Hospital...1912

In Memory of
FANNIE BEHRENS WOLFE and
SOLOMON BAIRD WOLFE, M.D.

In Memory of
MAX WEIL
Dedicated by his wife and son
September 14, 1920

In Memory of
ISIDORE JACKSON
Dedicated by his wife and son
September 14, 1920

In Memory of
LEONARD M.
Dedicated by his parents,
Alexander and Rose M. Joseph...1920

In Memory of
MORRIS GOLDSTEIN and
PAULINE GOLDSTEIN
Endowed by their children...1921

Endowed by
FRANCOIS KLEINBERGER...1921

In Memory of
BENJAMIN EHRLICH
Endowed by his wife,
Fannie Ehrlich...1929

In Memory of
JULIUS KAUFMANN
Endowed by his wife,
Emma H. Kaufmann...1930

Founded by
PAULINE F. BAERWALD
March 26, 1931

Dedicated to Humanity by
SOLOMON and DORA SHAPIRO
(Née Monness)...1932

In Memory of
CLARA L. LIMBURG
Dedicated by her children...1935

Dedicated to Humanity by
IRWIN and FAY AVRICK...1944

Dedicated to Humanity by
MEYER and GERTRUDE COHEN...1944

ANNA C. LOOCKERMAN
1946

In Memory of
MILTON L. FRANK
Dedicated by his sisters
Netta L. and Aline S. Frank...1946

In Memory of
FLORENCE B. SOHN and
DR. DAVID L. SOHN
Dedicated by Husband and Brother
Dr. Maxwell M. Sohn...1947

Endowed by
JULES C. and EDNA S. LEEDS...1948

LEGACIES AND BEQUESTS

1854	Judah Touro	\$ 20,000.00
1867	Jacob Abrahams	5,000.00
1869	Benjamin Nathan	10,000.00
	Joseph Fatman	10,000.00
1872	Dr. S. Abrahams (1872-1873).....	14,020.00
1876	Lewis Philips	11,711.51
1879	Michael Reese	25,000.00
1882	Simeon Abrahams	10,980.00
1883	Mrs. Judith Einstein.....	5,000.00
1885	Julius Hallgarten	10,000.00
1886	Miss Sarah Burr (1886-1893).....	54,900.00
1888	Isaac Hoechster	5,000.00
1889	Henry Herrman	5,000.00
	William Meyer (1889-1891).....	12,252.34
1891	Daniel B. Fayerweather (1891-1897).....	9,933.03
1893	Joseph Rosenberg (1893-1926).....	9,995.54
	Abraham Kuhn	5,000.00
1895	Adolph Bernheimer	5,000.00
1897	Mayer Lehman	17,958.00
1902	Andrew J. Garvey (1902-1947).....	16,027.51
	Jacob F. Cullman.....	10,000.00
1903	Julius Beer	10,000.00
	Adolph Openhym	5,000.00
1904	Solomon Loeb	10,000.00
1905	Simon Rothschild	50,000.00
	Salomon Rothfeld	5,000.00
	Meyer Guggenheim	20,000.00
1906	Frederick Uhlmann	5,000.00
	Mathilde C. Weil (1906-1907).....	12,144.99
1907	Emanuel Walter	7,500.00
	Marx W. Mendel.....	16,044.10
1908	Amelia B. Lazarus (1908-1909).....	29,995.76
1910	Adolph Kerbs	5,000.00
	Emanuel Einstein	9,525.00
	Charles Rubens	5,695.00
	Ludwig Stettheimer (1910-1913).....	24,748.39
	Rosa Schreiber	6,267.74
	Margaret J. P. Graves.....	10,000.00
1911	John Stemme	5,000.00
	Charles E. Tilford (1911-1945).....	152,513.38
	Martin Herman	5,000.00
1912	Jacob Small (1912-1929).....	14,864.30
	Andrew Saks	5,000.00
	Moses Weinman	5,000.00
	Samuel Lilienthal	14,762.08
1913	John J. Clancy (1913-1914).....	25,000.00
	Ernst Thalmann	10,000.00
	Benjamin Guggenheim	10,000.00
	William Scholle	10,000.00

LEGACIES AND BEQUESTS

	Nathan Hermann	\$5,000.00
1914	Lewis S. Levy (1914-1916)	16,343.74
1915	Constant Mayer	13,948.09
	David E. Sicher	10,000.00
	Jacob Langeloth	5,000.00
	Moses Lowenstein	5,000.00
1916	Andrew Freedman	5,000.00
	Solomon Wolf (1916-1917)	11,860.18
	Amelia Lavanburg (1916-1917)	10,175.84
	Emil Bondy	10,000.00
	Herman N. Walter	5,000.00
1917	J. S. Halle	5,000.00
	Rachel H. Pfeiffer	15,000.00
	Esther Schlesinger	22,002.42
1918	Meyer H. Lehman	25,000.00
1919	Kalman Haas	10,000.00
	Benjamin Blumenthal	15,000.00
	Henry J. Duvce	5,000.00
	Margaret Olivia Sage (1919-1921)	100,000.00
1920	Joseph Frank	447,374.70
	Pearl Weinman	7,065.85
	Isaac N. Seligman	5,000.00
	Babette Lehman	5,000.00
	Julius Kayser	10,000.00
	Baruch Kaufman	14,250.00
1921	William Salomon	10,000.00
1922	Adolph D. Bendheim	5,000.00
	Mary Helen Finch	5,000.00
	Julia Seligman (1922-1936)	12,682.29
1923	Morris S. Barnet	35,000.00
	Eleanor von Koppenfels	25,000.00
1924	Jacob Rossbach	5,000.00
1925	Eugene Meyer	10,000.00
	Emily A. Watson	24,998.20
	Emanuel Spiegelberg	5,000.00
	Michael Dreicer	10,000.00
1926	Emil Wolff	29,794.12
	Adolph Boskowitz	20,000.00
	Solomon A. Fatman	20,000.00
	Jonathan Nathan (1926-1933)	5,130.89
	Louis S. Stroock	5,000.00
	Albert Lorsch	5,000.00
	Harriet Weil	5,000.00
	Morris J. Hirsch	5,000.00
	Lewis Schoolhouse	5,000.00
1927	Alexander Herman (1927-1928)	100,000.00
	Lottie Estelle Mayer (1927-1928)	33,461.87
	Sophie W. Low (1927-1944)	13,057.47
	Charles Altschul	7,500.00

LEGACIES AND BEQUESTS

	Mortimer H. Heyman.....	\$5,000.00
	Morris Weinstein	5,000.00
	Harry Mayer	5,000.00
1928	Al Hayman	25,000.00
	Aline Myers	15,027.87
	Morris Rossin	10,000.00
	Isaac J. Bernheim.....	5,000.00
	Marmaduke Richardson	5,000.00
1929	Simon R. Weil (1929-1934).....	156,468.28
	Michael P. Rich.....	20,000.00
	Emma Blumenberg—In memory of her brothers, Marc A. and Louis Blumenberg (1929-1930).....	12,473.66
	Harriet F. Haas.....	10,000.00
	Harmon W. Hendricks.....	10,000.00
1930	Harry H. Meyer (1930-1948).....	290,857.65
	Betsy S. Korminsky.....	5,000.00
	Pauline Myers	5,000.00
	Louis C. Raegner.....	5,000.00
1931	Julius Marcus	19,185.83
	Louis Marshall (1931-1943).....	11,754.24
	William Hartfield (1931-1936).....	10,061.59
	Alfred M. Heinsheimer.....	5,000.00
	Frieda Wimpfheimer	5,000.00
1933	Isaac Marx	7,500.00
1934	Rudolph J. Schaefer (1934-1937).....	64,845.88
	Ludwig Dreyfuss	25,000.00
	Benjamin Stern (1934-1937).....	25,000.00
1935	Bertha Weinman—For the Moses Weinman Memorial Fund (1935-1948)	1,489,913.53
	Joseph Runsheim (1935-1937).....	17,872.25
	Lawrence Pike (1935-1948).....	7,398.71
1936	Edward J. King—For the Edward J. King and Jennie I. King Memorial Fund (1936-1948).....	1,746,206.90
	Augustus W. Openhym (1936-1948).....	126,650.86
	Isa Nordlinger (1936-1937).....	9,199.21
1937	Marco Fleishman—For the Rosetta and Marco Fleishman Memorial Fund (1937-1947).....	748,764.64
	Carrie L. Lehman.....	10,000.00
	Henry Ollesheimer (1937-1945).....	10,848.16
	Leah Simpson (1937-1948).....	5,204.51
	Ephraim B. Levy.....	5,000.00
1938	Henry W. Putnam.....	50,000.00
	Bettie Meierhoff (1938-1948).....	75,511.45
	Harry J. D. Plaut.....	5,107.50
	Charles S. Erlanger.....	5,000.00
1940	James Ulmann (1940-1941).....	96,065.11
	Amalia F. Morse.....	15,000.00
	Ida Meyer (1940-1944).....	14,987.73
	Fannie H. Cox.....	9,377.34

LEGACIES AND BEQUESTS

1941	Frederick Keim	\$5,000.00
1942	David Schoenfeld	5,000.00
	Frank Wallach (1942-1948)	5,848.51
1943	Samuel M. Fechheimer (1943-1947)	10,023.44
	Lucille Guinzburg—In memory of Mr. Henry A. Guinzburg ..	5,000.00
	Edward Rubin	5,000.00
	Arthur B. Waring (1943-1944)	4,667.05
	Samuel Ehrlich	4,557.69
1944	Elsa B. Jacob (1944-1946)	12,047.92
	Phineas Sondheim	2,500.00
1945	Max Horwitz—In memory of Mr. Hugo Blumenthal	5,000.00
	Henry M. Flateau	5,000.00
1946	Julius Rudisch (1946-1948)	33,566.40
	M. Warley Platzek (1946-1948)	17,818.94
	Albert Bendheim (1946-1948)	13,410.31
	Henry L. Blum	10,000.00
	Samuel Shrier	2,500.00
	Carrie Kohn (1946-1947)	3,845.06
1947	United Hospital Fund, representing a part of the Estate of Carrie von Bernuth Foot (1947-1948)	15,421.01
	William Oppenhym	8,102.21
	Bertha Rosenheim	5,000.00
	Melville Foreman Sachs	5,000.00
	Alexander Schute	4,000.00
	Sophie Bantin	3,338.60
1948	Frances C. Kahn—In memory of Annie H. Kahn, Fred Hirschhorn and Charles Hirshon	54,598.72
	David E. Oppenheimer	5,000.00
	Hattie J. Danziger—In memory of Hattie J. Danziger, Henry Danziger and Henry H. Jacobson	3,500.00
	Rose Frankenheimer	2,500.00
	Fannie Meyer	1,637.97
	Joseph Kohn	1,500.00
	Hannah Pollock	1,500.00
	Sigmund Kastor	1,000.00
	Morris Meiselman	991.50
	Carrie R. Levy—In memory of Mrs. Esther Levy	851.86

ENDOWMENTS FOR SPECIAL PURPOSES

<i>Sara Welt Memorial Fund</i>	\$930,000.00
Established by Dr. Sara Welt (Kakels); income to be used for the Sara Welt Clinic for Healthy Infants, the Sara Welt Fellowships in Research Medicine, and for other purposes as provided in her will.	
<i>Mr. and Mrs. Charles Klingenstein Fund</i>	157,000.00
Established by Mr. and Mrs. Charles Klingenstein; income to be used for non-budgetary purposes as determined annually by the Board of Trustees.	
<i>Emilie Voorzanger Fund</i>	107,500.00
Established by provision in the will of Emilie Voorzanger; income (and capital if advisable) to be used either for the benefit of crippled children or for medical research or for both purposes as determined by the Board of Trustees.	
<i>Benjamin Altman Fund</i>	100,000.00
Established by provision in the will of Benjamin Altman; one-half of the income to be utilized to defray expenses of the Neurological Department, the remainder for the general purposes of the institution.	
<i>Marjorie Walter Goodhart and Florence Henrietta Walter Children's Clinic Endowment</i>	100,000.00
Founded by their parents, Florence B. and William I. Walter; income to be used for the purposes of Children's Clinic.	
<i>Marjorie Walter Goodhart and Florence Henrietta Walter Memorial Fund</i>	25,000.00
Established by provision in the will of Miss Rosie Bernheimer; income to be applied towards the running expenses of the Children's Clinic.	
<i>Babette Lehman Fund</i>	100,000.00
Founded by Mrs. Babette Lehman; income to be utilized for the advancement of preventive medicine.	
<i>Louis W. Neustadter Fund</i>	100,000.00
Founded by provision in the will of Mrs. Henry Neustadter; distribution of income to be made annually on the 16th day of March, a portion to needy and indigent patients in the Hospital on that date, the remainder for the general purposes of the Hospital.	
<i>The Mount Sinai Hospital Fund for Medical Education</i>	100,000.00
Joseph F. and Zillah Cullman contributed \$25,000.00 as a nucleus of said fund; \$25,000.00 was contributed by the estate of Henry P. Goldschmidt, and \$50,000.00 was contributed by the estate of Joseph F. Cullman; the income to be used to defray expenses arising out of clinical lectures, demonstrations, and conferences, and for cognate purposes.	
<i>Josephine Home Fund</i>	66,000.00
Established by Josephine Home, Inc., income to be used for the establishment and maintenance of the Children's Guidance Clinic.	
<i>Alfred A. and Ruth M. Cook Fund</i>	50,000.00
Founded by Alfred A. and Ruth M. Cook; income to be applied to special experimental work in the Social Service Department.	
<i>Florette and Ernst Rosenfeld Foundation</i>	50,000.00
Founded by Florette and Ernst Rosenfeld; for the establishment and special support of a Department of Radium and Radiotherapy.	
<i>Dr. Isador Abrahamson Neurological Fund</i>	50,000.00
Established by provision in the will of Stella Heidelberg Abrahamson; the income from this fund to be used for fellowships for research work and study in the field of neurology and psychiatry.	
<i>George Blumenthal, Jr., Fellowship Fund</i>	50,000.00
Founded by Mrs. Florence Blumenthal; income to be applied to the maintenance of two fellowships in pathology.	

ENDOWMENTS FOR SPECIAL PURPOSES

<i>Etta C. Lorsch Memorial Fund</i>	\$34,370.00
Established by provision in the will of Etta C. Lorsch, \$10,000; by members of the Board of the Social Service Auxiliary, \$10,000.00; and by many of her friends, \$4,370.00; the sum of \$10,000.00 was added by provision in the will of William N. Cohen; income to be disbursed by the Social Service Auxiliary for the special country care of children.	
<i>Dr. Eli Moschcowitz Fund</i>	34,000.00
Established by his friends and associates; income to be used for the support of non-budgetary educational and research projects and particularly those in which Dr. Moschcowitz has been interested during his professional association with the Hospital.	
<i>Philip J. Goodhart Fellowship Fund</i>	30,000.00
Established by the executors of the estate of Philip J. Goodhart and by the Board of Trustees; income to be used for fellowships.	
<i>Minnie Kastor Memorial Fund</i>	30,000.00
Founded by Alfred B. Kastor as a tribute to the memory of his parents; income to be used for psychiatric work through the service of a Fellow in psychiatry.	
<i>Harriet Meyer Memorial Fund</i>	25,000.00
Founded by Eugene Meyer; income to be used for experimental work in the Social Service Department.	
<i>Alice Goldschmidt Sachs Endowment Fund</i>	25,000.00
Established by provision in the will of Alice Goldschmidt Sachs; income to be used for medical education.	
<i>Moritz Rosenthal Fellowship Fund</i>	25,000.00
Established by provision in the will of Moritz Rosenthal; income to be used for medical, surgical, clinical, or laboratory fellowships as granted to men selected by the Board of Trustees.	
<i>Charles Klingenstein Fellowship Fund</i>	25,000.00
Established by Mrs. Charles Klingenstein; income to be used for fellowship in any clinical or laboratory department of the Hospital, as determined by the Board of Trustees.	
<i>Stanley D. Kops Memorial Fellowship Fund</i>	25,000.00
Established by the Kops family; income to be used for a fellowship in any hospital field of activity as selected by the Board of Trustees.	
<i>Ambulance Fund</i>	20,000.00
Established by Murry Guggenheim; income to be applied toward the maintenance of the ambulance service.	
<i>Moritz Warburg Social Service Fund</i>	20,000.00
Founded by Felix M. and Paul M. Warburg; income to be applied to the work of the Social Service Department.	
<i>Emanuel Van Raalte Endowment Fund for Medical Education</i>	20,000.00
Legacy; income to be used for medical education.	
<i>Robert and John Kaufmann Vacation Fund</i>	11,000.00
Founded by Max Kaufmann; income to be used for providing vacations, preferably for crippled children.	
<i>Theodor Escherich Fellowship Fund</i>	10,000.00
Founded by Edward S. Steinam; income to be applied to the maintenance of a fellowship in pathology.	
<i>Moses Heineman Fellowship Fund</i>	10,000.00
Founded by Moses Heineman; income to be applied to the maintenance of a fellowship in pathology.	
<i>Dr. Henry Koplik Fund</i>	10,000.00
Established by provision in the will of Dr. Henry Koplik; income to be disbursed by the Social Service Department and devoted solely to the care of infants and children whose parents are unable to pay ward fees.	

ENDOWMENTS FOR SPECIAL PURPOSES

<i>Eugene Meyer, Jr., Fellowship Fund</i>	\$10,000.00
Founded by Eugene Meyer, Jr.; income to be applied to the maintenance of a fellowship in pathology.	
<i>William Henry Welch Lecture Fund</i>	10,000.00
Established by Dr. Emanuel Libman; income to be used to provide lectures to be named after Dr. William Henry Welch of Johns Hopkins University.	
<i>Emil Wolff Social Service Fund</i>	10,000.00
Established by Emil Wolff; income to be applied to the work of the Social Service Department.	
<i>James Joseph Speyer Fund</i>	10,000.00
Established by provision in the will of James Joseph Speyer; income to be used for assisting sick nurses employed at the Hospital.	
<i>Edward Gamaliel Janeway Lecture Fund</i>	10,000.00
Founded by Mr. and Mrs. Edward S. Steinam; income to be utilized to bring important investigators to The Mount Sinai Hospital to present the results of their work.	
<i>Dr. Murray H. Bass Fund</i>	9,200.00
Established by his friends and associates; income to be used for non-budgetary educational and research projects of the Pediatric Service.	
<i>Library Funds</i>	7,200.00
Dr. Abraham Jacobi Library Fund of \$5,000.00 established by the Board of Trustees to commemorate the eightieth birthday of Dr. Abraham Jacobi; income to be applied to the purchase of books for the Hospital Library.	
Dr. Fred S. Mandelbaum Memorial Fund of \$2,200.00 contributed by many of his friends; income to be applied to the purchase of books for the Hospital Library.	
<i>The Mount Sinai Hospital Alumni Fund</i>	6,500.00
Donation of Dr. H. F. L. Ziegel; income, and if necessary, capital, to be expended in defraying part or all of the cost of Private Pavilion rooms for members of the Associated Alumni of The Mount Sinai Hospital; the expenditures for any one case not to exceed \$200.	
<i>Charles and Camilla Altschul Fund for Nursing in Wards</i>	5,000.00
Founded by Charles and Camilla Altschul; to defray the expense of special nursing in the wards.	
<i>Isaac C. Bishop Fund</i>	5,000.00
Established by provision in the will of Morris Bishop; income to be used for the relief, care, and benefit of poor patients suffering from cancer.	
<i>Fannie C. Korn Fund</i>	5,000.00
Founded by Mrs. Fannie C. Korn—In Memory of Henry Korn; for establishing and maintaining a splint and apparatus room for the Orthopedic Service.	
<i>Dr. Bela Schick Lectureship Fund</i>	3,700.00
Established by his associates and friends; income to be used for an annual lecture on pediatrics.	
<i>Dr. Isidore Friesner Lecture Fund</i>	3,400.00
Established by his friends; principal and income to be used to bring lecturers to the Hospital, preferably in the field of otology.	
<i>Morris Littman Social Service Fund</i>	3,000.00
Established by provision in the will of Morris Littman; income to be applied to the work of the Social Service Department.	

ENDOWMENTS FOR GENERAL PURPOSES

THE JACOB NEWMAN FUND.....	\$351,000.00
THE BELLA STIEFEL FUND.....	65,000.00
THE CARRIE M. AND GUSTAV BLUMENTHAL FUND.....	35,000.00
THE GEORGE AND FLORENCE BLUMENTHAL FUND.....	30,000.00
THE PHILIP J. AND HATTIE L. GOODHART FUND.....	30,000.00
THE ELLIN P. AND JAMES SPEYER FUND.....	30,000.00
THE ANNIE C. AND CHARLES A. WIMPFHEIMER FUND.....	30,000.00
THE ISAAC AND HENRIETTA STRAUSS FUND.....	30,000.00
THE MURRY AND LEONIE GUGGENHEIM FUND.....	25,000.00
THE TILLIE S. AND ALFRED JARETZKI FUND.....	25,000.00
THE ADOLPH AND EMMA LEWISOHN FUND.....	20,000.00
THE EDWARD OPPENHEIMER FUND.....	20,000.00
THE MORTON L. ADLER FUND.....	16,000.00
THE ESTELLE AND HUGO BLUMENTHAL FUND.....	15,000.00
THE ELIAS AND LINA MEYER ASIEL FUND.....	10,000.00
THE JOHN A. AND HENRIETTA COOK FUND.....	10,000.00
THE DAVID L. AND CARRIE F. EINSTEIN FUND.....	10,000.00
THE PAUL AND MIRIAM H. GOTTHEIL FUND.....	10,000.00
THE ALBERT N. HALLGARTEN FUND.....	10,000.00
THE HENRY AND ROSA LEHMAN FUND.....	10,000.00
THE ALBERT A. LEVI FUND.....	10,000.00
THE EUGENE AND HARRIET MEYER FUND.....	10,000.00
THE HENRY AND JOSEPHINE MORGENTHAU FUND.....	10,000.00
THE ROSALIE AND MAX NATHAN FUND.....	10,000.00
THE MR. AND MRS. SAM S. STEINER FUND.....	10,000.00
THE ISAAC AND VIRGINIA STERN FUND.....	10,000.00
THE ALEXANDRE AND JULIE WEILL FUND.....	10,000.00
<i>Total</i>	<u><u>\$852,000.00</u></u>

MEDICAL RESEARCH FUNDS

<i>Pauline O. Stern Research Fund</i>	\$ 414,000.00
Established by provision in the will of Pauline O. Stern; income (and capital if necessary) to be used for research in diseases of the nervous system and research in other diseases as approved by the Board of Trustees.	
<i>Abraham and Amelia Meyers Memorial Fund</i>	227,000.00
Established by provision in the will of Amelia Meyers; income to be used in the furtherance of medical and scientific research.	
<i>Samuel M. Fehhheimer Foundation for Medical Research</i>	156,000.00
Established by provision in the will of Samuel M. Fehhheimer; income (and capital if necessary) to be used for medical research and education.	
<i>S. S. Prince Research Fund</i>	100,000.00
Established by provision in the will of S. S. Prince; income to be used for research work.	
<i>Henry and Emma Rosenwald Foundation</i>	100,000.00
Established by provision in the will of Mrs. Emma Rosenwald; income to be used for research work. If such work becomes impracticable or inadvisable, the income is to be used for any other purpose designated by the Board of Trustees.	
<i>Kops Foundation for Pathological Research</i>	75,000.00
Income to be used from time to time for special work in the Pathological Department, under the direction of the Board of Trustees; preference to be given to research.	
<i>Frederick Housman Fund for Medical Research</i>	75,000.00
Established by provision in the will of Frederick Housman; income to be used for medical research as determined by the Board of Trustees.	
<i>Lorsch-Sachs Endowment Funds for the Promotion of Medical Research</i>	60,000.00
Created by Josephine Lorsch, Nellie and Harry Sachs in memory of Albert Lorsch, Jenny and Sigmund Lorsch; income to be used for the study of some promising scientific problems, especially for research work bearing upon the origin and cure of cancer.	
<i>Joseph Schoenberg Fund</i>	50,000.00
Created by, and under the will of, Commodore Louis D. Beaumont; income (and capital if necessary) to be used for medical research and other related research projects.	
<i>Rose and Allen L. Goldfine Fund for Research with Radioactive Substances</i>	30,000.00
Founded by Rose and Allen L. Goldfine; for scientific work and investigation chiefly with radioactive substances, and especially with radioactive metals, as well as other allied research projects. This fund was originally \$50,000.00; has been reduced by disbursements in accordance with the terms of the gift.	
<i>Max Nathan Laboratory Fund</i>	30,000.00
Established by his wife and daughters; income to be used primarily towards the payment of salaries in the Laboratory Research Department.	
<i>Eugene Littauer Research Fund</i>	25,000.00
Founded by Eugene Littauer in memory of Nathan Littauer; income to be used for medical research work.	
<i>William N. Cohen Research Fund</i>	25,000.00
Established by provision in the will of William N. Cohen; income to be used for research work.	
<i>Elias Asiel Research Fund</i>	21,000.00
Founded by Irma A. Bloomingdale and Nelson I. Asiel; income of which is to be applied to the payment of salaries or fellowships in the research work of the Pathological Department.	

MEDICAL RESEARCH FUNDS

<i>Eugene Strauss Endowment Fund for Medical Research</i>	\$ 20,000.00
Established by provision in the will of Charles Strauss; income to be used for medical research.	
<i>Jennie M. Breitenbach Fund</i>	20,000.00
Established by provision in the will of Jennie M. Breitenbach; income to be used for research work.	
<i>Elsie and Walter W. Naumburg Fund</i>	15,400.00
Established by Mr. and Mrs. Walter W. Naumburg; income to be used exclusively for chemical research at The Mount Sinai Hospital.	
<i>Lester and Corinne Hofheimer Research Fund</i>	15,000.00
Established under the will of Lester Hofheimer; to be used for cancer or other research.	
<i>Morris J. and Carrie Hirsch Fund</i>	12,500.00
Established by Walter A. and Steven J. Hirsch in memory of their parents, \$10,000.00; and donation, \$2,500.00, from Mr. and Mrs. Steven J. Hirsch in memory of Walter A. Hirsch; income to be devoted to work in connection with the study of cancer.	
<i>Rosie Bernheimer Memorial Fund</i>	10,000.00
Established by provision in the will of Miss Rosie Bernheimer; income to be used for clinical research work.	
<i>Morris Fatman Medical Research Fund</i>	10,000.00
Founded by Morris Fatman in memory of Solomon A. Fatman.	
<i>Etta C. and Arthur Lorsch Fund</i>	10,000.00
Founded by Etta C. and Arthur Lorsch; income to be devoted to laboratory research work.	
<i>Virginia I. Stern Fund</i>	10,000.00
Legacy; income to be used for medical research work.	
<i>Herman Younker Fund for Clinical and Pathological Research</i>	10,000.00
Established by Mrs. Herman Younker; income to be used exclusively for clinical and pathological research.	
<i>Joel E. Hyams Fund</i>	10,000.00
Established by provision in the will of Rosalie Hyams; income to be devoted to research work in cancer.	
<i>Joseph and Rosa Liebmann Fund</i>	10,000.00
Established by Sadie Liebmann Steiner as a tribute to the memory of her parents; income to be used for medical research.	
<i>William J. H. Steiner Fund</i>	10,000.00
Founded by his father, Samuel S. Steiner; income to be used for medical research.	
<i>Leo L. Doblin Endowment Fund for Research Work</i>	9,250.00
Legacy; income to be used solely for research work in the Pathological Laboratory.	
<i>Dr. Benjamin B. Eichner Eye Research Fund</i>	7,500.00
Established by provision in the will of Dr. Benjamin B. Eichner—In memory of his beloved parents, Joseph Herman Eichner and Hannah Eichner; principal and income to be used for research in eye pathology.	
<i>Arthur E. Frank Medical Research Fund</i>	7,500.00
Established by provision in the will of, and in memory of, Arthur E. Frank; the income from this fund is to be devoted to laboratory research work, preferably in connection with the study and cure of cancer.	
<i>Florentine S. Sutro Research Fund</i>	5,000.00
Legacy; income to be used for research work.	
<i>Dr. Louis Fischer Fund</i>	4,000.00
Established by provision in the will of Dr. Louis Fischer; principal and income to be used for research in pediatrics.	
<i>Total</i>	<u>\$1,584,150.00</u>

SPECIAL FUNDS OF THE MOUNT SINAI HOSPITAL SCHOOL OF NURSING

Albert W. Scholle Memorial Fund

Founded by William and Frederic Scholle as a tribute to the memory of their father; income to provide a vacation and recreation fund for The Mount Sinai Hospital student nurses.

Estelle and Hugo Blumenthal Scholarship and Graduation Fund

Founded by Estelle and Hugo Blumenthal to provide an annual scholarship of \$500.00 to the student in the graduating class who has shown special fitness to advance in the profession of nursing by taking courses at Teachers College, Columbia University. This fund also provides a cash award to each graduating student.

Emil Berolzheimer Memorial Fund

Founded by Mrs. Emil Berolzheimer in memory of her husband, Emil Berolzheimer; income to be used for higher education of nurses.

Murry Guggenheim Scholarship Fund

Established in 1905 to provide (a) six scholarships, each in the amount of \$100.00 to be awarded to entering students beginning with the class entering in February 1950, the selection to be based on the financial need for assistance of applicants, evidence of ability to meet the qualifications of a professional nurse and scholarship standing in the school attended by such applicant prior to application; (b) beginning with the class graduating in February 1950 12 medals in the form adopted by the Board of Directors of the School to 12 students graduating from the School who have shown exceptional ability during their attendance in the School; (c) the balance of the yearly income of the fund is to be awarded to a graduate nurse of the School applying for same to be used to assist the recipient in the completion of a degree program to be followed by such applicant. The award shall be made by the faculty of the School and the basis shall be evidence of eligibility for admission to a university, an existing need for special preparation for an essential field of work, proof that the individual is capable of this specified study and gives promise of competency in the position for which she is preparing.

Jacques D. Wimpfheimer Memorial Fund

Founded by Charles A. Wimpfheimer in memory of his son, Jacques D. Wimpfheimer. Any student requiring financial assistance during her course may call upon this fund.

Charles A. Wimpfheimer Special Relief Fund

Established by Charles A. Wimpfheimer in order to give emergency relief or temporary assistance to members of the Alumnae Association of The Mount Sinai Hospital School of Nursing.

Lillie Stern Scholle Pleasure Fund

Founded by Albert W. Scholle; income to be used largely to defray the expenses of parties, dances and other social gatherings of the students.

Mr. and Mrs. Sam S. Steiner Fund

Founded by Mr. and Mrs. Sam S. Steiner in memory of their beloved son, William J. H. Steiner; income to be used for the relief of needy graduates of the School.

Carrie M. and Gustav Blumenthal Graduating Class Prize Fund

Established by provision in the will of Gustav Blumenthal; income to be distributed annually as a prize or prizes among the graduating class in such manner as the Directors of the School determine.

Kalman and Harriet F. Haas Fund

Founded by Kalman Haas; income to be used for the general purposes of the School.

Carrie Untermeyer Fund

Founded by Mrs. Carrie Untermeyer; to establish an award of \$100.00 annually to the student in the graduating class who has the best record for kindness and proficiency in bedside nursing.

Solomon and Betty Loeb Fund

Founded by Solomon Loeb; income to provide an annual prize to a graduating student.

Educational Fund

Founded by Mrs. Berthold Levi in memory of Berthold Levi; income to be used for graduates of the School for higher education.

SPECIAL FUNDS, SCHOOL OF NURSING

Mr. and Mrs. Morris Fatman Relief Fund for Graduate Nurses

Founded by Mr. and Mrs. Morris Fatman; income to be used for the relief of graduate nurses.

Eugene Meyer, Jr., Library Fund

Founded by Eugene Meyer, Jr.; income to be used to supply books and magazines for the School library.

Amy C. and Fred H. Greenebaum Fund

Established by Mr. and Mrs. Fred H. Greenebaum; income to be used for an annual award to a graduating student.

Daniel Kops Prize Fund

Founded by the employees of the House of Kops in memory of Daniel Kops. The estate of Daniel Kops also contributed to this fund; income to provide a prize to a graduating student for excellence in bedside nursing and kindness to patients.

Aid and Relief Fund

Founded anonymously by a Director of the School of Nursing; income to be used for the assistance of graduate and undergraduate nurses.

Isabella Freedman Fund

Established by Mrs. Isabella Freedman; income to be used for an award to a student in the graduating class who has shown marked ability, proficiency and interest in her work.

HOSPITAL LIFE MEMBERS

Elected Prior to 1917

SAMUEL A. LEWIS

ARTHUR MEYER

WALTER W. NAUMBURG

MRS. FLORENCE S. ROBERTS

MRS. ALBERT D. STEIN

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* Deceased.

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(As of January 1, 1949)

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David Beck, M.D.
Alfred Meyer, M.D.
Eli Moschcowitz, M.D.

Bernard S. Oppenheimer, M.D.
Reuben Ottenberg, M.D.
Daniel Poll, M.D.

Cardiologist

Irving R. Roth, M.D.

Gastroenterologist

Burrill B. Crohn, M.D.

Pediatricians

Murray H. Bass, M.D.

Bela Schick, M.D.

Neurologists

Joseph H. Globus, M.D.

Israel Strauss, M.D.

Dermatologists

Louis Chargin, M.D.

Isadore Rosen, M.D.

Surgeons

Albert A. Berg, M.D.
*Charles A. Elsberg, M.D.

Richard Lewisohn, M.D.
Harold Neuhof, M.D.

Gynecologists

Robert T. Frank, M.D.

Isidor C. Rubin, M.D.

Urologists

Leo Edelman, M.D.

Abraham Hyman, M.D.

Otologist

Jacob L. Maybaum, M.D.

Ophthalmic Surgeon

Kaufman Schlivek, M.D.

Orthopedic Surgeon

Philip D. Wilson, M.D.

Physical Therapist

Heinrich F. Wolf, M.D.

Dentist

Harry A. Goldberg, D.D.S.

Oral Surgeon

Joseph Schroff, M.D., D.D.S.

* Deceased.

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Isidore Snapper, M.D.

Associate Physicians

Harold A. Abramson, M.D.

(for Allergy)

Ernst P. Boas, M.D.

Benjamin Eliasoph, M.D.

(for Special Service)

Charles K. Friedberg, M.D.

Joseph Harkavy, M.D.

(for Allergy)

William M. Hitzig, M.D.

Saul Jarcho, M.D.

Arthur M. Master, M.D.

(for Cardiology)

Herbert Pollack, M.D.

(for Metabolic Diseases)

Coleman B. Rabin, M.D.

(for Thoracic Diseases)

Nathan Rosenthal, M.D.

(for Hematology)

Solomon Silver, M.D.

Louis J. Soffer, M.D.

Lester R. Tuchman, M.D.

Asher Winkelstein, M.D.

(for Gastroenterology)

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(for Metabolic Diseases)

(s) Samuel H. Averbuck, M.D.

Frank A. Bassen, M.D.

(for Hematology)

(s) Solon S. Bernstein, M.D.

Frederick Bridge, M.D.

(for Thoracic Diseases)

Simon Dack, M.D.

(for Cardiology)

Henry Dolger, M.D.

(for Metabolic Diseases)

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Isadore E. Gerber, M.D.

(o) Edward B. Greenspan, M.D.

Arthur Grishman, M.D.

(for Cardiology)

(s) Herman Hennell, M.D.

Henry Horn, M.D.

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(for Cardiology)

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(for Endocrinology)

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(for Hematology)

Mario Volterra, M.D.

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Louis R. Wasserman, M.D.

(for Hematological Physiology)

(o) Harry Weiss, M.D.

Harry Yarnis, M.D.

(for Gastroenterology;

Gastroscopy)

Herman Zazeela, M.D.

(for Convalescent Care)

(o) Frederic D. Zeman, M.D.

(s) For Special Service.

(o) Off Service.

MEDICAL SERVICE

(Continued)

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(Out-Patient Department)

Morris Blum, M.D.

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(Out-Patient Department)

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(Continued)

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Joseph Bernstein, M.D.	Alexander Richman, M.D.
Hans W. L. Blume, M.D.	Benjamin Richman, M.D.
John J. Bookman, M.D.	Richard E. Rosenfield, M.D.
Arthur A. Briskier, M.D.	E. Milton Sachs, M.D.
Isaac Chasatzky, M.D.	Emanuel Salzman, M.D.
Henry Colcher, M.D.	Maurice W. Schachtel, M.D.
Selvan Davison, M.D.	Harry M. Schneider, M.D.
Anita DeLemos, M.D.	David G. Schwartz, M.D.
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Mindel R. Erdberg, M.D.	Irving J. Selikoff, M.D.
Solomon Estren, M.D.	Irene Shapiro, M.D.
Joseph Fisher, M.D.	Edward D. Sherman, M.D.
Charles Fox, M.D.	Walter J. Sperling, M.D.
Alfred Foyer, M.D.	Emanuel Stein, M.D.
Bernard I. Freedman, M.D.	Paul Stein, M.D.
Oscar Friedman, M.D.	Roger W. Steinhardt, M.D.
Jacques L. Gabrilove, M.D.	Stephen Steinharter, M.D.
Charles H. Gelb, M.D.	Leonard Stone, M.D.
Theodore Gold, M.D.	Jenny Stricker, M.D.
Alvin J. Gordon, M.D.	Harold Trachtenberg, M.D.
S. Frederick Hahn, M.D.	Marc Vechsler, M.D.
Paul J. Halberstadt, M.D.	John J. Webster, M.D.
Dan Holbrooke, M.D.	Rudolph Weil, M.D.
Richard Jahiel, M.D.	Henry J. Weintraub, M.D.
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Leo Kauftheil, M.D.	Morton W. Willis, M.D.
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Louis Lazar, M.D.	Sigmund Winter, M.D.
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Hyman Zuckerman, M.D.	

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John J. Bookman, M.D.	Kermit E. Osserman, M.D.
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Abraham G. White, M.D.	

MEDICAL SERVICE

(Continued)

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(Out-Patient Department)

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Max G. Scharmett, D.P.

PEDIATRIC SERVICE

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(Vacant)

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Jerome L. Kohn, M.D.

M. Murray Peshkin

(for Allergy)

Adjunct Pediatricians

Herman Anfanger, M.D.

Ralph E. Moloshok, M.D.

Sidney Blumenthal, M.D.

Rose G. Spiegel, M.D.

Alfred L. Florman, M.D.

(for Allergy)

(s) Alfred E. Fischer, M.D.

Anne Topper, M.D.

George J. Ginandes, M.D.

(for Metabolic Diseases)

Assistant Pediatricians

(Out-Patient Department)

William Rosenson, M.D.

Harry O. Zamkin, M.D.

Senior Clinical Assistants

(Out-Patient Department)

Max Baer, M.D.

Max Maier, M.D.

George Bair, M.D.

Jacob D. Matis, M.D.

Eugene Bernstein, M.D.

William Messer, M.D.

Perry Blumberg, M.D.

Max Meyer, M.D.

Harvey Brandon, M.D.

Hanna Mulier, M.D.

Samuel deLange, M.D.

Stephen Musliner, M.D.

Aron J. Deutscher, M.D.

William Neuland, M.D.

Samuel Ehre, M.D.

Howard G. Rapaport, M.D.

Else Farmer, M.D.

Marie Louise Rie, M.D.

Gertrude Felshin, M.D.

Jacob L. Rothstein, M.D.

Irving Feuer, M.D.

Gustav Salomon, M.D.

Maurice Grozin, M.D.

Maury D. Sanger, M.D.

Merrill P. Haas, M.D.

Adele Sicular, M.D.

Franz H. Hanau, M.D.

Erich Siegel, M.D.

Harold Herman, M.D.

S. Zelig Sorkin, M.D.

Godel I. Hunter, M.D.

Milton Stillerman, M.D.

Eva C. Kivelson, M.D.

Rudolph Strauss, M.D.

Israel S. Klieger, M.D.

Fritz Weil, M.D.

Sidney D. Leader, M.D.

Morton W. Willis, M.D.

Walter H. Levy, M.D.

Carl Zelson, M.D.

(s) For Special Service.

PEDIATRIC SERVICE

(Continued)

Clinical Assistants

(Out-Patient Department)

Arthur A. Briskier, M.D.	Alan Maged, M.D.
Isaac Chasatzky, M.D.	Lawrence Maslansky, M.D.
Hyman Cohen, M.D.	Ida Mayer, M.D.
Edna Fleischmann, M.D.	Stanley R. Robbin, M.D.
Henry Gall, M.D.	George D. Rook, M.D.
Arthur A. Goldfarb, M.D.	Thomas Seidman, M.D.
Erna Knoig, M.D.	Gertrude Sobel, M.D.
Harry V. Lomant, M.D.	Seymour Steiner, M.D.
Herman Lubenstein, M.D.	Sidney Wachtell, M.D.
Henry J. Weintraub, M.D.	

NEUROLOGICAL SERVICE

Neurologist

Israel S. Wechsler, M.D.

Associate Neurologists

Morris B. Bender, M.D.	Richard M. Brickner, M.D.
Edwin A. Weinstein, M.D.	

Adjunct Neurologists

(r) Irving Bieber, M.D.	Raymond L. Osborne, M.D.
I. S. Freiman, M.D.	Victor Rosen, M.D.
Louis Greenstein, M.D.	Milton R. Sapirstein, M.D.
(for <i>Electroencephalography</i>)	Mortimer F. Shapiro, M.D.
(o) Judd Marmor, M.D.	Hans Strauss, M.D.
(o) William Needles, M.D.	(for <i>Electroencephalography</i>)

Senior Clinical Assistants

(Out-Patient Department)

David Gerst, M.D.	Lothar Luft, M.D.
David Gersten, M.D.	Kurt Spaeth, M.D.

Research Assistant

Jack Sheps, M.D.

Clinical Psychologist

Robert L. Kahn, M.S.

(o) *Off Service.*
(r) *Resigned.*

PSYCHIATRIC SERVICE

Psychiatrist

M. Ralph Kaufman, M.D.

Associate Psychiatrists

Abram Blau, M.D.	(o) Clarence P. Oberndorf, M.D.
(o) Sandor Lorand, M.D.	S. Mouchly Small, M.D.
Sydney G. Margolin, M.D.	Harry I. Weinstock, M.D.

Adjunct Psychiatrists

Alexandra Adler, M.D.	Mack Lipkin, M.D.
Charles Fisher, M.D.	Daniel M. Lipshutz, M.D.
(r) Eleanor Galenson, M.D.	Bernard C. Meyer, M.D.
Mark Gerstle, Jr., M.D.	Jack Rapoport, M.D.
P. Goolker, M.D.	Nathan N. Root, M.D.
Wilfred C. Hulse, M.D.	Samuel R. Rosen, M.D.
Samuel R. Lehman, M.D.	Marcus Schatner, M.D.
Louis Linn, M.D.	Martin Schreiber, M.D.
	Leo A. Spiegel, M.D.

Senior Clinical Assistants

(Out-Patient Department)

Harold R. Fox, M.D.	Ernst Hammerschlag, M.D.
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Clinical Assistants

(Out-Patient Department)

Herman S. Alper, M.D.	Louis Kaywin, M.D.
Paul H. Brauer, M.D.	Joseph M. Krimsley, M.D.
Selwyn Brody, M.D.	Abraham S. Lenzner, M.D.
Lili R. Bussel, M.D.	Theodore Meltzer, M.D.
Michael Chaplik, M.D.	William Niederland, M.D.
M. Michael Cohen, M.D.	Charles Otchin, M.D.
Alfred T. Corvin, M.D.	Joseph Schein, M.D.
Elias H. Gerchick, M.D.	L. Herbert Skluth, M.D.
Bernard M. Goertzel, M.D.	Aaron Stein, M.D.
David Gross, M.D.	Martin Stein, M.D.
Steven G. Julay, M.D.	Samuel F. Tabbat, M.D.
David Kairys, M.D.	Samuel A. Weiss, M.D.
	Emery I. Wells, M.D.

Research Assistant

(Psychology)

Roslyn R. Braun, M.A.

Clinical Psychologist

Fred Brown, Ph.D.

(o) Off Service.
(r) Resigned.

CHILD GUIDANCE CLINIC

Senior Clinical Assistant

(Out-Patient Department)

Emil Froeschels, M.D.

Clinical Assistants

(Out-Patient Department)

Edward R. Adelson, M.D.

Irvin Galin, M.D.

Cheri Appel, M.D.

Alvin Meyer, M.D.

Alonzo J. Beavers, Jr., M.D.

Ethel Freund-Reisner, M.D.

Irving J. Crain, M.D.

Howard H. Schlossman, M.D.

Irving Sternschein, M.D.

DERMATOLOGICAL SERVICE

Dermatologist

Samuel M. Peck, M.D.

Associate Dermatologists

William Leifer, M.D.

Herbert Rosenfeld, M.D.

Adjunct Dermatologists

Howard T. Behrman, M.D.

Charles F. Sims, M.D.

Arthur W. Glick, M.D.

(for Dermatopathology)

(o) Max Scheer, M.D.

Assistant Dermatologists

(Out-Patient Department)

Lewis A. Goldberger, M.D.

Joel Schweig, M.D.

Charles Wolf, M.D.

Senior Clinical Assistants

(Out-Patient Department)

Eugene T. Bernstein, M.D.

Ellen Reiner, M.D.

Raphael Breakstone, M.D.

Sidney Rooff, M.D.

Frank E. Cross, M.D.

Moritz Salomonski-Rosen, M.D.

Julius Davis, M.D.

Harry Sherwood, M.D.

George Klein, M.D.

Harry E. Slatkin, M.D.

H. J. Konstam, M.D.

Bruno Tyson, M.D.

Borris A. Kornblith, M.D.

Gustav Weissberg, M.D.

Frederick B. Laufer, M.D.

Reuben Yontef, M.D.

Clinical Assistants

(Out-Patient Department)

Berthold Bachrach, M.D.

Max M. Friedman, M.D.

Benjamin Berger, M.D.

Leo G. Hess, M.D.

Mack H. Fieber, M.D.

Abner Kurtin, M.D.

Kurt Franklin, M.D.

Morton Landau, M.D.

Leonard J. Trilling, M.D.

(o) Off Service.

SURGICAL SERVICE

Surgeons

Ralph Colp, M.D.

John H. Garlock, M.D.

Arthur S. W. Touroff, M.D.

Associate Surgeons

Ernest E. Arnheim, M.D.

(for *Pediatric Surgery*)

Arthur H. Aufses, M.D.

(o) Leon Ginzburg, M.D.

Samuel H. Klein, M.D.

Percy Klingenstein, M.D.

Sylvan D. Manheim, M.D.

(for *Rectal Diseases*)

Samuel Silbert, M.D.

(for *Peripheral Vascular Diseases*)

Adjunct Surgeons

Lester Blum, M.D.

Leonard J. Druckerman, M.D.

Harry E. Ehrlich, M.D.

(for *Head and Neck Surgery*)

(o) Ameil Glass, M.D.

Edmund N. Goodman, M.D.

Elliott S. Hurwitt, M.D.

(for *Pediatric Surgery*)

Edward E. Jemerin, M.D.

Gerson J. Lesnick, M.D.

Albert S. Lyons, M.D.

(o) Sigmund Mage, M.D.

(o) Myron A. Sallick, M.D.

Irving A. Sarot, M.D.

Gabriel P. Seley, M.D.

Vernon A. Weinstein, M.D.

Senior Clinical Assistants

(*Out-Patient Department*)

Moses Benmosche, M.D.

Arthur Dallos, M.D.

George F. Dayton, M.D.

Walter Edkins, M.D.

Milton E. Eisen, M.D.

Dorian Eisenklam, M.D.

Bernard Friedman, M.D.

Aron Goldschmidt, M.D.

Harry Kassop, M.D.

Norman F. Laskey, M.D.

Heinz Lippmann, M.D.

Hans L. J. Manheim, M.D.

Mark J. Markham, M.D.

Maurice Munzer, M.D.

Hellmuth Oppenheimer, M.D.

Willy Perez, M.D.

Henry Peskin, M.D.

Erich Plocki, M.D.

Irving Rachlin, M.D.

Irving Schoenfeld, M.D.

Sigmund A. Siegel, M.D.

Robert Turell, M.D.

Herman Zazeela, M.D.

Clinical Assistants

(*Out-Patient Department*)

Wolf Elkan, M.D.

Lawrence Essenson, M.D.

Arthur Feitell, M.D.

Ralph W. Flax, M.D.

Harry Golodner, M.D.

Henry Haimovici, M.D.

Maurice S. Harte, M.D.

Julian B. Herrmann, M.D.

Erwin Horner, M.D.

Louis J. Lester, M.D.

Aaron J. Lichtman, M.D.

Daniel Luger, M.D.

Alexander P. Maybarduk, M.D.

Samuel J. Megibow, M.D.

Robert A. Nabatoff, M.D.

Frank P. Sainburg, M.D.

George Schreiber, M.D.

Bernard E. Simon, M.D.

Leon D. Star, M.D.

Otto Sternberg, M.D.

Harry Warner, M.D.

David O. Weiner, M.D.

Martin B. Welt, M.D.

(o) *Off Service.*

SURGICAL SERVICE

(Continued)

Research Assistants

Louis J. Lester, M.D.

Aaron L. Lichtman, M.D.

Robert A. Nabatoff, M.D.

Stephan S. Rosenak, M.D.

Podiatrist

(Out-Patient Department)

William Scharnmett, D.P.

NEUROSURGICAL SERVICE

Neurosurgeon

Ira Cohen, M.D.

Associate Neurosurgeons

Sidney W. Gross, M.D.

Abraham Kaplan, M.D.

Adjunct Neurosurgeon

Benno Schlesinger, M.D.

Research Assistant

Kenneth M. Gang, M.D.

UROLOGICAL SERVICE

Urologist

Gordon D. Oppenheimer, M.D.

Associate Urologist

Moses Swick, M.D.

Adjunct Urologists

Stanley I. Glickman, M.D.

H. Evans Leiter, M.D.

Lewis T. Mann, M.D.

(o) William H. Mencher, M.D.

Assistant Urologist

(Out-Patient Department)

William L. Ferber, M.D.

Senior Clinical Assistants

(Out-Patient Department)

Erwin Batzdorf, M.D.

Louis Bollag, M.D.

Kurt Cronheim, M.D.

Max David, M.D.

Kurt A. Heinrich, M.D.

Arthur Israel, M.D.

Harry D. Italiener, M.D.

Edward Jacobs, M.D.

Max Jacoby, M.D.

Ernst Kornitzer, M.D.

Adolf Lowenthal, M.D.

Bruno Mark, M.D.

Rudolf Paschkis, M.D.

Jesse Patt, M.D.

Aaron Prigot, M.D.

Stephan S. Rosenak, M.D.

Martin J. Rosenberg, M.D.

Emil Schwarzmman, M.D.

David J. Surrey, M.D.

(o) Off Service.

UROLOGICAL SERVICE

(Continued)

Clinical Assistants

(Out-Patient Department)

Ernest Bamberger, M.D.	Lester Narins, M.D.
Max Levi, M.D.	Paul Reiser, M.D.
Joseph M. Silagy, M.D.	

Research Assistant

Lester Narins, M.D.

GYNECOLOGICAL SERVICE

Gynecologist

Morris A. Goldberger, M.D.

Associate Gynecologist

Joseph A. Gaines, M.D.

Adjunct Gynecologist

Arthur M. Davids, M.D.	Nathan Mintz, M.D.
Emanuel Klemptner, M.D.	Robert I. Walter, M.D.
<i>(s)</i> Seymour Wimpfheimer, M.D.	

Adjunct Gynecologists

(Out-Patient Department)

Maurice E. Mintz, M.D.	Frank Spielman, M.D.
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Senior Clinical Assistants

(Out-Patient Department)

Ernest G. Abraham, M.D.	Bruno Kriss, M.D.
Hans Auerbach, M.D.	Harold S. Leopold, M.D.
Bernard Berglas, M.D.	Maximilian Lewitter, M.D.
Hilliard Dubrow, M.D.	Herbert F. Newman, M.D.
Gertrude Felshin, M.D.	Josef Novak, M.D.
Irving C. Fischer, M.D.	Louis Portnoy, M.D.
Richard Fleischer, M.D.	Jack J. Squire, M.D.
Stefanie K. Haas, M.D.	Leonard Zweibel, M.D.

Clinical Assistants

(Out-Patient Department)

Alexei N. Berk, M.D.	Norman Herzig, M.D.
David A. Dreiling, M.D.	Seymour M. Katz, M.D.
Sidney Druce, M.D.	Robert Landesman, M.D.
William Epstein, M.D.	Louis S. Lapid, M.D.
George C. Escher, M.D.	Charles S. Poole, M.D.
Eugene Fischel, M.D.	Meyer D. Schnall, M.D.
Emanuel M. Greenberg, M.D.	Herbert J. Simon, M.D.
Leon N. Greene, M.D.	Joseph M. Smolev, M.D.

David Zakin, M.D.

Research Assistant

Charles S. Poole, M.D.

(s) For Special Service.

OTOLARYNGOLOGICAL SERVICE

Otolaryngologist

Rudolph Kramer, M.D.

Associate Otolaryngologists

Morris S. Bender, M.D.

Joseph G. Druss, M.D.

Irving B. Goldman, M.D.
(for Rhinoplasty)

Joseph L. Goldinan, M.D.

Samuel Rosen, M.D.

Harry Rosenwasser, M.D.

Max L. Som, M.D.

Adjunct Otolaryngologists

Nathan Adelman, M.D.

Benjamin I. Allen, M.D.

Leon M. Arnold, M.D.

Samuel M. Bloom, M.D.

(o) Louis Kleinfeld, M.D.

Eugene R. Snyder, M.D.

Senior Clinical Assistants

(Out-Patient Department)

Adolph N. Abraham, M.D.

Joseph Berberich, M.D.

Hans Brinitzer, M.D.

Friedrich S. Brodnitz, M.D.

Szymon Malowist, M.D.

Fred L. Marx, M.D.

S. Mencher, M.D.

Richard Pollak, M.D.

Clinical Assistant

(Out-Patient Department)

Jacob S. Aronoff, M.D.

(o) Off Service.

OPHTHALMOLOGICAL SERVICE

Ophthalmic Surgeon

Henry Minsky, M.D.

Associate Ophthalmic Surgeons

Joseph Laval, M.D.

David Wexler, M.D.

Adjunct Ophthalmic Surgeons

Sylvan Bloomfield, M.D.

Jacob Goldsmith, M.D.

Abraham L. Kornzweig, M.D.

Frederick H. Theodore, M.D.

Senior Clinical Assistants

(Out-Patient Department)

Richard Baruch, M.D.

Eva C. Dienst, M.D.

Bertha Gladstern, M.D.

Isaak Horovitz, M.D.

Herbert M. Katzin, M.D.

Francis J. Langendorf, M.D.

Norbert Lewin, M.D.

Max Mannheimer, M.D.

Meta Mueller, M.D.

Paul Muller, M.D.

OPHTHALMOLOGICAL SERVICE

(Continued)

Clinical Assistants

(Out-Patient Department)

Howard J. Agatston, M.D.
Alan H. Barnert, M.D.
William I. Glass, M.D.
Milton Greenberg, M.D.

Morris Feldstein, M.D.
Leo D. Kellerman, M.D.
Franja Lowy, M.D.
Julius Schneider, M.D.

Refractionists

(Out-Patient Department)

Bertha Gladstern, M.D.

Max Mannheimer, M.D.

ORTHOPEDIC SURGERY SERVICE

Orthopedic Surgeon

Robert K. Lippmann, M.D.

Associate Orthopedic Surgeons

Edgar M. Bick, M.D.

Albert J. Schein, M.D.

Adjunct Orthopedic Surgeons

Alvin M. Arkin, M.D.
(o) Benjamin B. Greenberg, M.D.
Joel Hartley, M.D.
(o) Frederick M. Marek, M.D.
Edmund Uhry, Jr.

Senior Clinical Assistants

(Out-Patient Department)

Helen Schur, M.D.

Herman Sternberg, M.D.

Carl Zelson, M.D.

Clinical Assistants

(Out-Patient Department)

Herman Gladstone, M.D.

Irving V. Glick, M.D.

Podiatrist

(Out-Patient Department)

Max G. Scharmett, D.P.

(o) Off Service.

DEPARTMENT OF ANESTHESIA

Anesthetist

Bernard H. Eliasberg, M.D.

DEPARTMENT OF ANESTHESIA

(Continued)

Associate Anesthetists

Milton H. Adelman, M.D.

Sydney S. Lyons, M.D.

Adjunct Anesthetists

Sara Bass, M.D.

Max Bien, M.D.

Seymour Miller, M.D.

Medical Anesthetist

Evelyn T. Clerico, M.D.

Nurse Anesthetists

Jean B. Abrams, R.N.

Sylvia A. Weinroth, R.N.

Norma Wilson, R.N.

DEPARTMENT OF DENTAL AND ORAL SURGERY

Dentist

Leo Stern, D.D.S.

Associate Dentists

Ralph H. Brodsky, D.M.D.

Dennis D. Glucksman, D.D.S.

Lester H. Cahn, D.D.S.

J. A. Salzmänn, D.D.S.

(for Oral Pathology)

Adjunct Dentists

Marvin G. Freid, D.D.S.

Daniel M. Kollen, D.D.S.

Robert S. Gilbert, D.M.D.

(o) Arthur A. Kulick, D.D.S.

Max Michaelson, D.D.S.

Senior Clinical Assistants

(Out-Patient Department)

Henry I. Cohen, D.D.S.

Emanuel Knishkowsky, D.D.S.

Leon Eisenbud, D.D.S.

Sidney Retzker, D.D.S.

Herbert L. Goodwin, D.M.D.

Milton Schwartz, D.D.S.

Samuel Gordon, D.D.S.

Morris Schwartz, D.D.S.

Max Greenspan, D.D.S.

Alfred R. Shepard, D.D.S.

Jack S. Klatell, D.D.S.

Maurice V. Stavin, D.D.S.

Milton Wechsler, D.D.S.

(o) Off Service.

DEPARTMENT OF DENTAL AND ORAL SURGERY

(Continued)

Clinical Assistants

(Out-Patient Department)

Melvin Amler, D.D.S.	Jacob Leiter, D.D.S.
Herbert Arnold, D.D.S.	Frank L. Levine, D.D.S.
Richard A. Beidler, D.D.S.	Bernard Levy, D.D.S.
Dennis Berger, D.D.S.	Simon L. Lifton, D.D.S.
Jack Brenner, D.D.S.	Jerome S. Mittelman, D.D.S.
Ira S. Colby, D.D.S.	Melvin Morris, D.D.S.
Morris Dicker, D.D.S.	Maurice Oringer, D.D.S.
Lester Goldstein, D.D.S.	Solomon Pearlman, D.D.S.
Simon S. Goldweber, D.D.S.	Philip Person, D.D.S.
George Helfand, D.D.S.	Lester Schiff, D.D.S.
Josef Horowitz, D.D.S.	Martin T. Siegel, D.D.S.
Milton W. Kelmans, D.D.S.	Leo Stern, Jr., D.D.S.
Richard Kiman, D.D.S.	Stanley Stutman, D.D.S.
Jerome L. Klaif, D.D.S.	Hannon Tuttleman, D.D.S.
Stanley Kollen, D.D.S.	Stanley W. Vogel, D.D.S.
Raymond L. Kotch, D.D.S.	Irving Yudkoff, D.D.S.
Louis Kroll, D.M.D.	Harry S. Zappler, D.D.S.
Victor H. Zimler, D.D.S.	

DEPARTMENT OF PHYSICAL MEDICINE

Physiatrist

William Bierman, M.D.

Adjunct Physiatrist

(r) A. W. Schenker, M.D.

Assistant Physiatrists

(Out-Patient Department)

Eric Levy, M.D. Eugene Neuwirth, M.D.

Clinical Assistants

(Out-Patient Department)

Morton J. Greene, M.D. Stanley R. Livingston, M.D.
Isador Ripps, M.D.

CARDIOGRAPHIC LABORATORY

Cardiologist

Arthur M. Master, M.D.

Research Associate

Bruno Kisch, M.D.

Research Assistants

Leonard E. Field, M.D. Bernard E. Simon, M.D.
Benjamin Richman, M.D. Sidney Storch, M.D.
Dennison Young, M.D.

(r) Resigned.

THE LABORATORIES

Paul Klemperer, M.D.	Pathologist
Gregory Schwartzman, M.D.	Bacteriologist
Harry H. Sobotka, Ph.D.	Chemist
Sergei Feitelberg, M.D.	Physicist
Joseph H. Globus, M.D.	Neuropathologist
Nathan Rosenthal, M.D.	Hematologist
Sadao Otani, M.D.	Associate Pathologist
S. Stanley Schneierson, M.D.	Associate Bacteriologist
Alice I. Bernheim, M.D.	Assistant Pathologist
Cecile Herschberger, B.S.	Assistant Bacteriologist
Miriam Reiner, M.S.	Assistant Chemist
Blanca Schneid, M.D.	Assistant in Clinical Pathology
Robert Loevinger, Ph.D.	Assistant Physicist

Special Laboratory Appointments

Charles L. Lieb, M.D.	Consultant in Pharmacology
Ernst P. Pick, M.D.	Associate in Pharmacology
Franklin Hollander, Ph.D.	Associate in Gastric Physiology
Gerda Gernsheim-Mayer, Ph.D.	Associate in Chemical Research
Jacob Chanley, Ph.D.	Associate in Chemical Research
Max Adler, Ph.D.	Research Associate in Bacteriology
Lotte S. Gruenwald, M.D.	Research Associate in Bacteriology
H. Kühlenbeck, M.D.	Research Associate in Neuropathology
Arthur Weil, M.D.	Research Associate in Neuropathology
Frederic E. Stynler, Ph.D.	Research Associate in Chemistry

Fellows

(1948-1949)

Robert M. Berne, M.D.	Sara Welt Fellowship in Medicine
Norman Boas, M.D.	Charles Klingenstein Fellowship in Medicine
David A. Dreiling, M.D.	Dr. Ralph Colp Fellowship in Surgery and Experimental Physiology
Kurt Elias, M.D.	Sara Welt Fellowship in Pathology
Jacques L. Gabrilove, M.D.	George Blumenthal, Jr., Fellowship in Pathology
Harold M. Goldstein, M.D.	Sara Welt Fellowship in Pediatrics
Boris Gueft, M.D.	Sara Welt Fellowship in Pathology
Henry D. Janowitz, M.D.	Sara Welt Fellowship in Medicine
Edward D. Joseph, M.D.	Minnie Kastor Fellowship in Psychiatry
Irving G. Kroop, M.D.	Sara Welt Fellowship in Medicine
Louis S. Lapid, M.D.	Dr. Joseph Brettaner Fellowship in Gynecology
Stanley L. Lee, M.D.	Theodor Escherich Fellowship in Pathology
Arthur W. Ludwig, M.D.	George Blumenthal, Jr., Fellowship in Pathology
Mortimer Ostow, M.D.	Dr. Isador Abrahamson Fellowship in Neurology
Ely Perlman, M.D.	Elsa and William Menke Fellowship in Medicine
Ira A. Rashkoff, M.D.	Breitenbach Fellowship in Hematology
Daniel Richfield, M.D.	Sara Welt Fellowship in Pathology
Norman Simon, M.D.	Moses Heineman Fellowship in Pathology
Jonas H. Sirota, M.D.	Sara Welt Fellowship in Medicine
Clifford L. Spingarn, M.D.	Philip J. Goodhart Fellowship in Bacteriology
Mario Volterra, M.D.	Moritz Rosenthal Fellowship in Medicine
William R. Woolner, M.D.	Sara Welt Fellowship in Medicine
Stephen B. Yohalem, M.D.	Elsa and William Menke Fellowship in Medicine

THE LABORATORIES

(Continued)

Research Assistants

Bacteriology

Morton H. Edelman, M.D.
Alice Fisher, A.B.
Helen Hift, Ph.D.
Irene Kraft, D.V.M.

Chemistry

Harold Aaron, M.D.
Mary B. Allen, Ph.D.
John Austin
Joseph Bandes, M.D.
Max Ellenberg, M.D.
Gertrude Felshin, M.D.
Fritz Lieben, Ph.D.
Norman A. Samuels, M.D.
Irving Solomon, M.D.

Hematology

Camille Dreyfus, M.D.
Solomon Estren, M.D.
Richard Rosenfield, M.D.
Irene Shapiro, M.D.
Leon D. Star, M.D.
Mary C. Tyson, M.D.

Neuropathology

Frederick J. Farnell, M.D.
Charles S. Poole, M.D.

Pathology

Jacob Churg, M.D.
Edith Grishman, M.D.
Louis S. Lapid, M.D.
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(Academic Year 1948-1949)

Conducted in Affiliation with
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(Faculty of Medicine)

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1948-	MARTIN R. STEINBERG, M.D.

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1948-1948	MARTIN R. STEINBERG, M.D.

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MISS MARY HELLER	MRS. SAMUEL MILLER	MISS BLANKA STRANSKY
MISS CLARA HERMAN	MISS RUTH MINSKY	MRS. WALTER STRASSBURGER
MRS. HASKEL HESS	MRS. GUSTAVE M. MINTON	MRS. EDWARD SULZBERGER
MRS. NATHAN HESSLEIN	MRS. MILTON N. MOUND	MISS MARY TOOMEY
MRS. MABEL C. HEYMANN	MR. E. EDDIE NEDELL	MRS. ARTHUR S. W. TOUROFF
MISS MARION HIRSCHBERG	MRS. CHARLES NEWMARK	MISS RUTH UFFELMAN
MRS. DAN HOLBROOKE	MISS ANNETTE NOTESS	MR. WESLEY VREELAND
MRS. SAUL HOROWITZ	MISS SYLVIA OHRINGER	MRS. DAVID P. WALDMAN
MISS HILDA HORWITZ	MISS WILLA PETSCHKE	MRS. JANET B. WALTER
MISS CLAIRE HUDESMAN	MISS MARCIA POLAK	MRS. CAROL WEIL
MISS PHYLLIS ISAACSON	MRS. HERBERT POLLACK	MISS ELLEN WEINBERG
MRS. FELIX JAGER	MRS. LEWIS RAABIN	MISS REBECCA WEINBERGER
MRS. SIDNEY JARCHO	MRS. HERMAN RABB	MRS. WILLIAM WEINSTOCK
MISS BARBARA KADEN	MRS. FRANK RATHAUSER	MISS ETHEL WEINTRAUB
MRS. JOSEPH KAHN	MISS NORA RAVSKY	MR. WINSTON WELLS
MRS. WALTER KAHN	MRS. EDWARD E. REICHMAN	MISS LEAH R. WILLIAMS
MISS AUDREY L. KATZMAN	MISS RUTH RELKIN	MISS RUTH WILSON
MRS. FRANCIS KLEBAN	MRS. TUBIE RESNIK	MRS. ELI WINKLER
MRS. ARTHUR F. KRAKEUR	MISS ANNA LEE RITTENBERG	MRS. WILLIAM WITKIN
MRS. LOUIS KRAUS	MRS. JULIO ROQUE	MISS JOAN WOLF
MRS. JULIAN H. KUSHNER	MRS. HENRY ROSENBAUM	MRS. WILLIAM F. WOLFF
SISTER MARIE LADISLAVA	MRS. PHILIP ROSENHOLZ	MRS. GEORGE M. WOLFSON
MRS. EDWIN LANE	MRS. HERBERT ROSENTHAL	MISS RENEE WOLFSON
MISS ESTHER LANGHOLTZ	MISS MARY ROSENTHAL	MR. ZIGMUND Z. ZIPORIN
MRS. PERCY W. LANSBURGH	MRS. HARRY ROSENWASSER	MRS. HANNAH ZWEIG

Nurses' Aids

MRS. GEORGE LEE.....		Chairman
MRS. DAVID BLOCH	MRS. JACOB GRAY	MRS. ARTHUR STREIM
MISS GERTRUDE BUCHLER	MRS. MILTON KARON	MRS. SIDNEY WEIL
MISS JOAN CURTIS	MRS. GERALD LEDERER	MRS. LILIAN WHEELER
MRS. DAVID DAVIDSON	MRS. DAVID MERRALL	MRS. JACOB WIEDHOPF
MRS. STANLEY ECKER	MRS. GEORGE RABINOFF	
MRS. CARL FRANKEN	MRS. LEE SAMUELS	

OFFICERS AND TRUSTEES OF THE MOUNT SINAI HOSPITAL SINCE ITS FOUNDING

Presidents

*SAMPSON SIMSON	1852-1855	*ISAAC WALLACH	1896-1907
*JOHN I. HART	1855-1856	*ISAAC STERN	1907-1910
*BENJAMIN NATHAN	1856-1870	*GEORGE BLUMENTHAL	1911-1938
*EMANUEL B. HART	1870-1876	*LEO ARNSTEIN	1938-1944
*ADOLPH HALLGARTEN	1876-1879	*WALDEMAR KOPS	1944-1945
*HARRIS ARONSON	1879-1879	GEORGE B. BERNHEIM	1945-1948
*HYMAN BLUM	1879-1896	ALFRED L. ROSE	1948-

President Emeritus

*GEORGE BLUMENTHAL	1938-1941	GEORGE B. BERNHEIM	1948-
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Vice Presidents

*JOHN I. HART	1852-1855	*LEO ARNSTEIN	1910-1938
*BENJAMIN NATHAN	1855-1856	*HENRY L. CALMAN	1917-1919
*REV. SAMUEL M. ISAACS	1856-1857	*S. HERBERT WOLFE	1919-1921
*JOHN D. PHILLIPS	1857-1858	*MAURICE FRANKFORT	1921-1928
*N. K. ROSENFELD	1858-1866	ALBERT FORSCH	1924-1937
*EMANUEL B. HART	1866-1870	*DE WITT MILLHAUSER	1928-1936
*SAMUEL A. LEWIS	1870-1874	*WALDEMAR KOPS	1936-1944
*LEWIS FATMAN	1874-1875	LEO GOTTLIEB	1937-1944
*HARRIS ARONSON	1875-1879		1948-
*HYMAN BLUM	1879-1879	GEORGE B. BERNHEIM	1938-1945
*ISAAC WALLACH	1879-1896	JOSEPH KLINGENSTEIN	1944-
*ISAAC STERN	1896-1906	GEORGE LEE	1945-1948
*DAVID WILE	1902-1906	ALFRED L. ROSE	1945-1948
*GEORGE BLUMENTHAL	1907-1910	RICHARD GOLDSMITH	1948-1948
*EMIL S. LVI	1907-1910	CHARLES A. RIEGELMAN	1948-
*PHILIP J. GOODHART	1910-1917		

Secretaries

*BENJAMIN NATHAN	1852-1853	*ALBERT SICHEL	1897-1897
*THEODORE I. SEIXAS	1853-1856	*LOUIS M. JOSEPHthal	1897-1902
*SAMUEL A. LEWIS	1857-1870	*LEO ARNSTEIN	1902-1910
*JOHN M. LAWRENCE	1871-1872	EDGAR A. HELLMAN	1910-1911
*A. S. ROSENBAUM	1872-1875	*S. HERBERT WOLFE	1919-1921
*NATHAN LITTAUER	1875-1877	WALTER E. SACHS	1918-1921
*HARMON H. NATHAN	1877-1879	ALBERT FORSCH	1921-1923
*MOSES G. HANAUFER	1879-1882	*DE WITT MILLHAUSER	1924-1928
*L. M. HORNTAL	1882-1885	ARTHUR H. HARLOW	1928-1938
*DE WITT J. SELIGMAN	1885-1888	PAUL M. ROSENTHAL	1938-1942
*HENRY GOLDMAN	1888-1891	CARL H. PFORZHEIMER, JR.	1942-1943
*LEOPOLD WEIL	1892-1893		1948-
*GEORGE BLUMENTHAL	1893-1894	GEORGE LEE	1943-1945
*MARCUS M. MARKS	1894-1896	RICHARD GOLDSMITH	1945-1948

Treasurers, Associate and Assistant Treasurers

*HENRY HENDRICKS	1852-1861	*SIDNEY S. PRINCE	1915-1925
*JOSEPH FATMAN	1861-1869	NELSON I. ASIEL	1926-1942
*LEWIS MAY	1869-1875	JOSEPH F. CULLMAN, JR.	1943-
*SAMUEL M. SCHAEFER	1875-1891	IRA A. SCHUR	1945-
*ELIAS ASIEL	1892-1915		

Trustees

*SAMPSON SIMSON	1852-1855	*BENJAMIN NATHAN	1852-1870
<i>President, 1852-1855</i>		<i>Secretary, 1852-1853; Vice-President, 1855-1856;</i>	
*JOHN I. HART	1852-1856	<i>President, 1856-1870.</i>	
<i>Vice-President, 1852-1855; President, 1855-1856.</i>		*REV. SAMUEL M. ISAACS	1852-1857
*HENRY HENDRICKS	1852-1861	<i>Vice-President, 1856-1857.</i>	
<i>Treasurer, 1852-1861.</i>		*JOHN M. DAVIES	1852-1857

* Deceased

OFFICERS AND TRUSTEES

*THEO. I. SEIXAS	1852-1856	*LOUIS STIX	1875-1901
Secretary, 1853-1856.		Honorary Trustee, 1901-1902.	
*ISAAC PHILLIPS	1852-1856	*ISAAC BLUMENTHAL	1875-1901
*J. D. PHILLIPS	1852-1858	Honorary Trustee, 1901-1902.	
Vice-President, 1857-1858.		*ISAAC WALLACH	1877-1907
*JOSEPH FATMAN	1855-1869	Vice-President, 1879-1896; President, 1896-1907.	
Treasurer, 1861-1869.		*SOLOMON SULZBERGER	1877-1896
*LEWIS MAY	1855-1876	*NATHAN BARNETT	1878-1879
Treasurer, 1869-1875.		*MAYER LEHNMAN	1878-1897
*JOSEPH SFLIGMAN	1855-1862	*LEONARD LEWISOHN	1879-1880
*SAMUEL A. LEWIS	1856-1874	*JACOB H. SCHIFF	1879-1882
Secretary, 1857-1870; Vice-President, 1870-1874.		Re-elected, 1883-1885.	
*N K. ROSENFELD	1857-1867	*HENRY ROSENWALD	1879-1885
Vice-President, 1858-1866.		*LOUIS GANS	1879-1889
*EMANUEL B. HART	1857-1876	*MOSES G. HANAUER	1879-1882
Vice-President, 1866-1870; President, 1870-1876.		Secretary, 1879-1882.	
*L. M. MORRISON	1857-1862	*L. M. HORNTAL	1880-1897
*L. HOLLANDER	1857-1858	Secretary, 1882-1885.	
*WILLIAM HELLER	1857-1861	*MICHAEL DINKELSPIEL	1881-1883
*H. J. HART	1858-1863	*DEWITT J. SELIGMAN	1881-1888
*HARRIS ARONSON	1858-1879	Secretary, 1885-1888.	
Vice-President, 1875-1879; President, 1879.		*SIMON ROTHSCHILD	1884-1905
*S. L. COHEN	1861-1869	*S. L. FATMAN	1885-1898
Re-elected, 1871-1876.		*ALBERT HENDRICKS	1885-1886
*ANSEL LEO	1861-1867	*SOLOMON LOEB	1885-1897
*WILLIAM SELIGMAN	1862-1867	*ELIAS ASIEL	1886-1920
*S. J. SPIEGELBERG	1862-1866	Treasurer, 1892-1915.	
*JOHN M. LAWRENCE	1863-1872	*WILLIAM VOGEL	1887-1893
Secretary, 1871-1872.		*ANTHONY WALLACH	1887-1888
*HENRY GITTERMAN	1866-1916	*ADOLPH HERRMANN	1887-1901
*JONAS HELLER	1866-1870	Honorary Trustee, 1901-1906.	
*SOLOMON SOMMERICH	1867-1889	*HENRY GOLDMAN	1888-1891
*ISAAC HERRMANN	1867-1869	Secretary, 1888-1891.	
*J. S. ABECASIS	1869-1872	*LEON MANDEL	1888-1891
*LEWIS FATMAN	1869-1878	*ISAAC STERN	1889-1910
Vice-President, 1874-1875; Re-elected 1880-1884.		Vice-President, 1896-1906; President, 1907-1910.	
*A. S. ROSENBAUM	1870-1875	*MAX NATHAN	1889-1907
Secretary, 1872-1875.		Honorary Trustee, 1907-1922.	
*MAX STADLER	1870-1876	*DAVID WILE	1889-1906
*ISAAC S. SOLOMON	1871-1878	Second Vice-President, 1902-1906.	
*JOS. RECKENDORFER	1871-1872	*DANIEL GUGGENHEIM	1889-1891
*ADOLPH HALLGARTEN	1872-1883	*NEWMAN COWEN	1889-1893
President, 1876-1879.		*LEOPOLD WEIL	1889-1903
*J. B. GUTTENBERG	1871-1872	Secretary, 1892-1893.	
*V. HENRY ROTHSCHILD	1871-1887	*JOSHUA PIZA	1890-1893
*ABRAHAM SIMM	1871-1874	*SAMUEL STIEFEL	1892-1894
*ISAAC PHILLIPS	1872-1874	*SIGMUND OPPENHEIMER	1892-1894
*FERDINAND KURZMAN	1872-1878	*GEORGE BLUMENTHAL	1892-1941
*A. B. ANSBACHER	1872-1876	Secretary, 1893-1894; Vice-President, 1907-1910;	
Re-elected, 1877-1887.		President, 1911-1938; President Emeritus, 1938-1941.	
*DAVID SALOMON	1872-1876	*JULIUS EHRLMANN	1893-1897
*M. S. FECHHEIMER	1873-1875	*MARCUS M. MARKS	1894-1897
Re-elected, 1883-1888.		Secretary, 1894-1896.	
*JULIUS J. LYONS	1874-1875	*ISAAC N. HEIDELBERG	1894-1896
*SAMUEL ZEIMER	1874-1877	Re-elected, 1899-1914; Honorary Trustee, 1915-1928.	
*NATHAN LITTAUER	1875-1879	*J. HENRY ROTHSCHILD	1895-1897
Secretary, 1875-1877.		*HENRY F. VEITH	1895-1897
*J. M. STINE	1875-1878	*HERMAN MENDEL	1895-1910
*EDW. OPPENHEIMER	1875-1876	Honorary Trustee, 1910-1914.	
Re-elected, 1892-1894; Re-elected, 1897-1910; Honorary Trustee, 1910-1919.		*ALBERT SICHEL	1896-1897
*SAMUEL M. SCHAFER	1875-1891	Secretary, 1897.	
Treasurer, 1875-1891.		*MORRIS S. BARNET	1897-1917
*EDW. EINSTEIN	1875-1880	Honorary Trustee, 1917-1921.	
*LEVI SAMUELS	1875-1878	*HENRY R. ICKELHEIMER	1897-1905
*HARMON H. NATHAN	1875-1896	*LOUIS M. JOSEPHTHAL	1897-1904
Secretary, 1877-1879.		Secretary, 1897-1902.	
*HYMAN BLUM	1875-1896	*MEYER H. LEHMAN	1897-1916
Vice-President, 1879; President, 1879-1896.		Honorary Trustee, 1916.	

* Deceased

OFFICERS AND TRUSTEES

*KALMAN HAAS	1897-1912	HERBERT H. LEHMAN	1919-1920
<i>Honorary Trustee, 1912-1916.</i>		JACK W. SCHIFFER	1920-1928
*JOSEPH F. CULLMAN	1897-1938	BENEDICT ERSTEIN	1920-1931
*JOSEPH FOX	1897-1917	*CHARLES KLINGENSTEIN	1920-1936
<i>Honorary Trustee, 1917.</i>		MRS. ROGER W. STRAUS	1920
*WALTER A. SCHIFFER	1897-1898	<i>In office.</i>	
*ADOLPH LEWISOHN	1898-1938	NELSON I. ASIEL	1921
*EMIL S. LEVI	1899-1912	<i>Treasurer, 1926-1942. In office.</i>	
<i>Second Vice-President, 1907-1910; Honorary Trustee, 1912-1933.</i>		MRS. HERBERT H. LEHMAN	1921
*MURRY GUGGENHEIM	1901-1907	<i>In office.</i>	
*JEFFERSON SELIGMAN	1901-1909	*ERNST ROSENFELD	1921-1937
*HENRY MORGENTHAU	1901-1917	ARTHUR H. HARLOW	1922-1942
<i>Honorary Trustee, 1917-1946.</i>		<i>Secretary, 1928-1938.</i>	
*JAMES SPEYER	1902-1935	*MARTIN BECK	1922-1929
<i>Honorary Trustee, 1935-1941.</i>		DAVID A. SCHULTE	1922-1947
*LEO ARNSTEIN	1902-1944	*DEWITT MILLHAUSER	1922-1942
<i>Secretary, 1902-1910; Second Vice-President, 1910-1917; First Vice-President, 1917-1938; President, 1938-1944.</i>		<i>Secretary, 1924-1928; Third Vice-President, 1928-1936.</i>	
*JACOB EINSHEIMER	1902-1928	*LESTER HOFHEIMER	1922-1934
*HUGO BLUMENTHAL	1902-1943	GEORGE B. BERNHEIM	1923
*CHAS. A. WIMPFHEIMER	1902-1934	<i>Second Vice-President, 1938-1945; President, 1945-1948; President Emeritus, 1948.</i>	
*M. SAMUEL STERN	1903-1910	<i>In Office.</i>	
*PAUL M. WARBURG	1904-1914	*ALFRED JARETZKI	1923-1925
*JACOB FRANKENTHAL	1905-1910	*WALDEMAR KOPS	1924-1945
*HENRY L. CALMAN	1906-1930	<i>Third Vice-President, 1936-1937; Second Vice-President, 1937-1938; First Vice-President, 1938-1944; President, 1944-1945.</i>	
<i>Second Vice-President, 1917-1919.</i>		*HENRY F. WOLFF	1925-1935
*PHILIP J. GOODHART	1907-1933	*MRS. ARTHUR LORSCH	1926-1928
<i>Vice-President, 1910-1917; Honorary Trustee, 1933-1944.</i>		LOUIS W. ABRONS	1928
MILTON C. HERRMANN	1907-1909	<i>In office.</i>	
SAMUEL E. JACOBS	1907-1918	*EDWIN M. BEROLZHEIMER	1928-1941
<i>Honorary Trustee, 1918. In office.</i>		*FRED H. GREENEBAUM	1928-1932
SIEGRIED H. KAHN	1908-1909	LEONARD A. HOCKSTADER	1928
*ABRAM N. STEIN	1909-1912	<i>In office.</i>	
EDWARD N. HERZOG	1909-1915	*ARTHUR LORSCH	1928-1941
EDGAR A. HELLMAN	1910-1912	HENRY MORGENTHAU, JR.	1928-1930
<i>Secretary, 1910-1911.</i>		ELI WINKLER	1929-1930
*PAUL GOTTHEIL	1910-1915	DAVID SARNOFF	1929-1936
*EMANUEL VAN RAALTE	1910-1930	*DR. S. S. GOLDWATER	1929-1933
*WILLIAM I. WALTER	1910-1927	H. WALTER BLUMENTHAL	1930-1947
*ALBERT W. SCHOLLE	1910-1916	HAROLD D. WIMPFHEIMER	1930
EUGENE MEYER, JR.	1911-1920	<i>In office.</i>	
*S. HERBERT WOLFE	1911-1921	MRS. WALTER A. HIRSCH	1932
<i>Secretary, 1911-1918; Second Vice-President, 1919-1921.</i>		<i>In office.</i>	
*LOUIS J. HOROWITZ	1912-1919	PAUL M. ROSENTHAL	1932-1945
*NORMAN S. GOLDBERGER	1912-1919	<i>Secretary, 1938-1942.</i>	
BERNARD F. GIMBEL	1912-1920	WALTER S. MACK, JR.	1933
*DANIEL KOPS	1913-1923	<i>In office.</i>	
E. J. WILE	1915-1922	MRS. GEORGE BACKER	1933-1937
G. F. SULZBERGER	1915-1917	ALFRED L. ROSE	1933
WALTER E. SACHS	1915-1933	<i>Vice-President, 1945-1948; President, 1948.</i>	
<i>Secretary, 1918-1921.</i>		<i>In Office.</i>	
*SIDNEY S. PRINCE	1915-1929	EDWIN C. VOGEL	1935
<i>Treasurer, 1915-1925.</i>		<i>In office.</i>	
*MAURICE FRANKFORT	1916-1928	CARL J. AUSTRIAN	1935
<i>Second Vice-President, 1921-1928; Honorary Trustee, 1928-1936.</i>		<i>In office.</i>	
*MYRON S. FALK	1916-1945	LEO GOTTLIEB	1935
WALTER W. NAUMBURG	1917	<i>Third Vice-President, 1937-1944; Vice-President, 1948. In Office.</i>	
<i>In office.</i>		EDWIN I. MARKS	1936
MRS. ARTHUR L. CARNS	1917-1920	<i>In office.</i>	
MRS. ALFRED A. COOK	1917	CARL H. PFORZHEIMER, JR.	1936
<i>In office.</i>		<i>Secretary, 1942-1943; 1948. In Office.</i>	
ALBERT FORSCH	1919	SHELDON R. COONS	1936
<i>Secretary, 1921-1923; Third Vice-President, 1924-1928; Second Vice-President, 1928-1937.</i>		<i>In office.</i>	
<i>In office.</i>		EDWARD A. NORMAN	1937
*BENJAMIN MORDECAI	1919-1943	<i>In office.</i>	
		MRS. ARTHUR J. COHEN	1938
		<i>In office.</i>	

* Deceased

OFFICERS AND TRUSTEES

ROBERT LEHMAN	1938	IRA A. SCHUR	1943
<i>In office.</i>		<i>Assistant Treasurer, 1945-1948;</i>	
JOSEPH F. CULLMAN, JR.	1939	<i>Associate Treasurer, 1948. In Office.</i>	
<i>Treasurer, 1943. In office.</i>		ALBERT L. BAUM	1944
JACOB C. STONE	1940-1945	<i>In office.</i>	
GEORGE LEE	1940	CHARLES A. RIEGELMAN	1944
<i>Secretary, 1943-1945;</i>		<i>Vice-President, 1948. In Office.</i>	
<i>Vice-President, 1945-1948. In Office.</i>		LOUIS I. DUBLIN	1944-1948
HERMAN F. BAERWALD	1940	MAURICE WERTHEIM	1945
<i>In office.</i>		<i>In office.</i>	
PHILLIP W. HABERMAN, JR.	1940	ANDRE MEYER	1945
<i>In office.</i>		<i>In office.</i>	
ALFRED RHEINSTEIN	1941	LEWIS S. ROSENSTIEL	1946
<i>In office.</i>		<i>In office.</i>	
JOSEPH KLINGENSTEIN	1941	JAMES FELT	1947
<i>Third Vice-President, 1944-1945; Vice-President,</i>		<i>In office.</i>	
<i>1945. In office.</i>		JOSEPH S. RECKFORD	1947
SAMUEL S. SCHNEIERSON	1941	<i>In office.</i>	
<i>In office.</i>		RICHARD DEUTSCH	1947
RICHARD GOLDSMITH	1942	<i>In office.</i>	
<i>Secretary, 1945-1948;</i>		MAX ABRAMOVITZ	1947
<i>Vice-President, 1948-1948. In Office.</i>		<i>In office.</i>	
HORACE S. MANGES	1942		
<i>In office.</i>			

* Deceased

GRADUATES OF THE HOUSE STAFF

Prior to 1884

*Mark Blumenthal
*F. Tilden Brown
*R. M. Cramer
*R. B. Coleman
*D. H. Davison
*William L. Estes

*Benson M. Feldman
*Albert Fridenberg
*David Frolich
Alfred Meyer
*J. R. Nilsen
*R. Offenhach

*S. Rapp
*J. M. Rice
*J. Rudisch
*John Van Der Poel
Julius Weiss

House Surgeons

1884 *James L. Shiland
*Walter Hitchcock
1885 *J. Clark Steward
*Herman J. Schiff
1886 *F. C. Hussion
*Alfred N. Strouse
1887 *William H. Wilmer
*H. S. Stark
1888 Guy C. Rich
*Howard Lilienthal
1889 L. J. Ladin
George B. Cowell
1890 Samuel L. Weber
A. D. Mewborn
1891 *Southgate Leigh
*David B. Lovell
1892 *Edw. C. Sternberger
1893 George L. Brodhead
*S. M. Brickner
1894 Martin W. Ware
Thomas T. Tuttle
1895 *Charles A. Elsborg
*Nathan Breiter
*J. Ralston Lattimore
1896 Albert A. Berg
*William H. Luckett
1897 *Charles Goodman
J. B. Morrison
1898 *Harry Rodman
*Walter M. Brickner
1899 Sidney Ulfelder
*L. W. Allen
1900 *Leo B. Meyer
Eugene H. Eising
1901 M. Thorner
Truman Abbe
1902 *Edwin Beer
Major G. Seelig
1903 *Meyer M. Stark
Robert T. Frank
Eli Moschowitz
1904 D. Lee Hischler
Albert G. Swift
Fred H. MacCarthy
*C. F. Jellinghaus
1905 *Sol. Hyman
*Isadore Seff
William J. Haber
Horace Leiter
1906 C. Morris Hathaway
*Milton Bodenheimer
Ernest Sachs
Solomon Wiener

1907 Orville H. Schell
Eben Alexander, Jr.
Ains R. Chamberlain
Harold Neuhoft
1908 John C. A. Gerster
Abraham Hyman
Isidor C. Rubin
1909 Howard E. Lindeman
Herbert D. Manley
Fred G. Oppenheimer
1910 *Abraham O. Wilensky
*Charles Ryttenberg
Benjamin F. May
George Bachr
*Samuel H. Geist
1911 Louis Greenberg
Philip Liebling
Irving Simons
Leo Mayer
1912 Herman Jaffe
Sidney Cohn
Isidor Kross
Julius Blum
1913 Abraham J. Beller
*Oscar Baumann
Jesse D. Schwartz
Ira Cohen
1914 Heyman R. Miller
C. Koenigsberger
Edward Bleier
Abraham Strauss
1915 Ralph M. Bruckheimer
Sol. Shlimbaum
Paul W. Aschner
Nathan Rosenthal
*John F. Grattan
1916 Joseph A. Landy
Adolf A. Weiss
Waldemar R. Metz
1917 Harry C. Saltzstein
David M. Natanson
*Max D. Mayer
Leo Edelman
1918 *Eugene Klein
Louis Carp
Samuel Kahn
Julius Gottesman
Leopold Brahdy

1919 Herman Sharlit
Lewis T. Mann
Morris A. Goldberger
*Emanuel Salwen
Joseph A. Lazarus
Barney M. Kully
*Henry S. Fischer
*Jerome M. Ziegler
1920 Leo J. Hahn
Rudolph Kramer
*Samuel Hirshfeld
Max Schneider
*Harold L. Meierhof
Nathan Sobel
1921 Laurence Jones
William Harris
Martin A. Furman
Leonard M. Lyons
Sylvan D. Manheim
Joseph B. Stenbuck
1922 Joseph M. Marcus
Samuel Silbert
Percy Klingenstein
Joseph S. Somberg
Henry Milch
Samuel Gaines
1923 Benjamin N. Berg
Julian B. Herrmann
Arthur H. Aufses
Louis Kleinfeld
Saul S. Samuels
Edwin A. Seidman
1924 *Seth Selig
David Warshaw
Seymour Wimpfheimer
Sidney Friedman
Elias L. Stern
Gordon D. Oppenheimer
1925 Robert K. Lippmann
Edward A. Horowitz
Robert H. Feldman
Martin Schreiber
Leon Ginzburg
Irving A. Frisch
1926 *A. Philip Zemansky, Jr.
Edward O. Finestone
Mayer E. Ross
Edward J. Bassen
Samuel Mufson
*Clarence K. Weil

* Deceased

House Surgeons*(Continued)*

1927	Ernest E. Arnheim Walter F. Welton Hyman Rosenfeld Arthur S. W. Touroff Moses Swick Abraham Firestone	1933	Abraham J. Gitlitz Alexander H. Rosenthal Meyer Abrahams Sidney Rosenburg	1939	Nathan Adelman Joseph M. Silagy Emanuel Wachtel Samuel Diener Alexander Thomas Bernard S. Wolf
1928	Sidney Grossman William H. Mencher William Leifer Sidney Hirsch	1934	Jacob S. Goltman Leonard J. Druckerman Albert J. Schein Emanuel Klempner	1940	Elliott S. Hurwitt Bernard E. Simon Gerson J. Lesnick Herbert M. Katzin Rudolph E. Drosd William I. Glass
1929	Monroe A. Rosenbloom Robert L. Craig Lester R. Tuchman Ameil Glass	1935	Edward E. Jemerin Herman J. Meisel Irving A. Sarot Paul A. Kaufman		
1930	Isidore Schapiro William L. Ferber *Maurice M. Berek Lyon Steine	1936	Sidney M. Silverstone Alan N. Leslie Gabriel P. Seley	1941	Leon M. Arnold David Miller Daniel Luger Norman Rosenberg Ernest L. Sarason Roy N. Barnett Alvin I. Goldfarb George J. Sabrin
1931	Borris A. Kornblith Herbert S. Talbot Samuel H. Klein *Erwin K. Gutmann	1937	Leon G. Berman Herman R. Nayer Ralph W. Flax Robert C. Eliot Nathan Mintz		
1932	Joseph A. Gaines William Sheinfeld Perry S. Horenstein H. Evans Leiter	1938	Jules L. Whitehill Vernon A. Weinstein Abner Kurtin Sylvan Bloomfield Leonard S. Bases Leon N. Greene	1942	Lester Narins Norman Simon

House Physicians

1884	Edward Burns *Charles H. May	1903	*Herbert L. Celler *Alfred Fabian Hess David Kramer	1911	Harry Wessler Nathaniel Barnett *H. W. Emsheimer *Hiram Olsan
1885	Arthur B. Coffin *Josephine Walter *Charles F. Mason	1904	Bernard S. Oppenheimer Arthur Bookman *H. F. L. Ziegel Louis Bauman	1912	Salo N. Weber *Morris H. Kahn *Abraham Zingher Meyer Rosensohn
1886	*E. L. H. Swift *Edward J. Ware	1905	George W. T. Mills *Samuel Feldstein *Gustav A. Fried *Leo Kessel	1913	*Alexander Hofheimer Jacob Sachs Edward Mahler Daniel Poll
1887	Charles G. Giddings *Abraham Korn	1906	Julius J. Hertz *Jesse G. M. Bullowa Julian J. Meyer Max Taschman	1914	Arthur S. Rosenfeld Maurice F. Lautman *John L. Kantor Louis H. Levy
1888	*E. H. Walsh *H. E. Sanderson	1907	Alfred E. Cohn *Louis Jacobs *Louis G. Kaempfer *Walter J. Highman	1915	*A. I. Loewenthal David Beck Louis G. Shapiro Jacob Piller
1889	*Simon D. Elsner G. L. Nicholas	1908	*Jacob Wisansky Abraham E. Jaffin Albert A. Epstein Max Scheer	1916	Willard D. Mayer Lester J. Unger Ernst P. Boas Joseph Harkavy
1890	R. H. Cunningham *Max Jackson	1909	Abraham Sophian Joseph Rosenthal *Maurice T. Munker Murray H. Bass	1917	*Harry Plotz Charles G. Giddings, Jr. *Louis Berman William Rosenson
1891	*Fred S. Mandlebaum *H. P. Palmer	1910	Bernard H. Eliasberg Burrill B. Crohn *Milton Hahn Richard H. Hoffmann	1918	Joseph Felsen William Friedman Max Harrison Reuben Steinholz Harold T. Hyman Louis Hausman
1892	*E. C. Levy Perey H. Fridenberg				
1893	*Harry A. Cone				
1894	*W. Jarvis Barlow				
1895	*Sidney Yankauer				
1896	*Emanuel Libman William P. Loth				
1897	Herman B. Baruch Sidney V. Haas				
1898	Louis Hauswirth				
1899	*William G. Exton A. F. Foord				
1900	Israel Strauss				
1901	*I. W. Becker *Herman Schwarz				
1902	*Edward A. Aronson *Milton Gerschel				

* Deceased

House Physicians

(Continued)

1919	Morris Brooks Jerome L. Kohn Asher Winkelstein Edward Hollander Irving R. Roth Abraham Kardiner Kaufman Wallach	1926	Harry Schwartz J. Lester Kobacker Nathan Cherwin Harry S. Mackler Joseph Laval David Wexler	1935	Sheppard Siegal *Benjamin Rubin Milton Mendlowitz Henry Dolger
1920	Ira M. Olsan Charles Green Leo Loewe *Philip Finkle Edward Lehman Harry D. Pasachoff	1927	A. L. Goldwyn William J. Bearman Amcil Glass Milton J. Matzner Jacob E. Holzman Elmer S. Gais	1936	Morton W. Willis Morris F. Steinberg Samuel Nisnewitz Edward R. Schlesinger
1921	Morris J. Lavine Saul A. Ritter *Benj. B. Eichner *Philip Astrowe Frederic D. Zeman *Alton M. Amsterdam	1928	Abraham L. Kornzweig *John Cohen Samuel H. Averbuck Joseph Uttal	1937	Sidney L. Penner Eugene Somkin Edgar A. Baron Morton Yohalem
1922	Nathan Muskin *Sydney C. Feinberg Samuel Z. Levine David Gaberman David Soletsky Leon Ginzburg	1929	Herman Zazcela Alfred Romanoff Solomon Silver Samuel Melamed	1938	Max Ellenberg Samuel C. Bukantz S. Zelig Sorkin Robert A. Newburger Ralph E. Moloshok Sydney G. Margolin
1923	Samuel Rosen Samuel Rosenfeld Arthur M. Master Louis Hodcs Philip Cohen William S. Collens	1930	William J. Hochbaum Shirley H. Baron Sylvan E. Moolten Arthur Schifrin	1939	Milton Landowne Irving A. Beck Irving Solomon Herman Anfanger Sidney Cohen Emanuel B. Schoenbach
1924	Roland I. Grausman *Alfred M. Goltman Coleman B. Rabin Ephraim Shorr *Robert K. Lambert David Ball	1931	*Herbert M. Klein Rose Spiegel Arthur R. Sohval Robert V. Sager	1940	Daniel Stats Clifford L. Spingarn Arthur W. Seligmann, Jr. Mary C. Tyson Alvin J. Gordon *Samuel S. Dorrance
1925	Leon Goldsmith Benjamin Eliasoph Richard M. Brickner Harold A. Abramson Alfred E. Fischer Harry I. Weinstock	1932	Albert B. Newman William M. Hitzig Herman S. Roth Frederick Bridge	1941	Selvan Davison George L. Engel Merrill P. Haas Frank L. Engel Bernard M. Schwartz Maurice Franks Henry D. Janowitz John B. DeHoff
		1933	Saul Jarcho J. Edward Stern Hyman Levy Harry L. Jaffe	1942	*Herman L. Jacobius Jonas E. Salk
		1934	Abraham Penner Frederick H. Theodore D. Alfred Dantes Israel Schiller		

Rotating Interns

1942	†Samuel L. Feder †Robert M. Heavenrich †Mortimer B. Hermel †Maurice J. Keller Morley J. Kert Irving G. Kroop †Nathaniel B. Kurnick Robert Landesman †Harvey K. Mechanik Edward Meilman Irving Pavlo †Jonas Sirota *Stanley J. Snitow †Stephen B. Yohalem	1943	†Charles H. Altschuler Marvin Blum †Morton S. Bryer Daniel Burdick †Chester Cassel David A. Dreiling †Frederick Epstein †Stefan S. Fajans Jacques L. Gabrilove Daniel Giddings Stanley L. Glickman Theodore Gold †Harold M. Goldstein †Lawrence I. Kaplan		Leo D. Kellerman Paul A. Kirschner Samuel R. Klibanoff Hyman J. Levine †Arthur W. Ludwig †Sidney R. Michael †Mervin G. Olinger †Daniel F. Richfield †Bernard Robinson †Bernard R. Rowen Harvey Sirota †Hilliard Spitz †Leon Star †Leonard Stone
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* Deceased

† Internship interrupted to answer call to Armed Forces

Rotating Interns

(Continued)

	Abraham L. Umansky	Leonard L. Madison	Sanford G. Bluestein
	†Irving Wolfson	Solomon Papper	Stanley R. Drachman
	†Robert Zimmerman	Irving H. Parnes	Leon Eisenberg
	†Morton Ziskind	Naomi deSola Pool	Samuel K. Elster
1944	Jerome S. Beloff	Alan J. Rosenberg	Jeanette Ettinger
	Robert M. Berne	Edward H. Roston	Saul A. Frankel
	Emanuel S. Cohen	David L. Rubinfine	Harold Gabel
	Relvert J. Coe	Bert L. Vallee	Norman P. Goldstein
	†Clarence Denton	William I. Weiss	Daniel S. Kushner
	Richard B. Drooz	1946 Stuart S. Asch	Joseph Leighton
	†Murry Fischer	Irving Baras	Melville G. Magida
	Joseph Freeman	Philip S. Bergman	Howard L. Moscovitz
	Kenneth M. Gang	Mortimer J. Blumenthal	Arnold B. Scheibel
	Gilbert H. Glaser	William R. Dorrance	Edward Schulman
	†Avram S. Goldstein	Mark Eisenbud	Lawrence I. Schwartz
	†Robert J. Grayson	Aaron D. Freedman	Robert Seely
	Sumner Hagler	Bennett L. Gemson	Franklin H. Streifeld
	Stanley R. Lee	Benedict R. Harrow	Joseph S. Wallace
	Dora S. Levine	Donald S. Kent	Daniel H. Welner
	(6 months)	Herbert S. King	
	Matthew O. Locks	Alan L. Klein	1948 Edward Adelson
	Robert A. Nabatoff	Victor C. Lazarus	Richard M. Alexander
	Jack Orloff	Howard S. Miller	Stanley B. Braham
	†Ira Rashkoff	Joseph M. Miller	Edward B. Crohn
	Eli Robins	Elijah M. Nadel	Arthur W. Epstein
	Norman Rosenthal	Renee B. W. Papper	Arthur E. Falk
	Seymour Rosenthal	Leo G. Parmer	Stanley K. Gordon
	Irene Shapiro	George Robinson	Esther Haar
	†Edward A. H. Swift	Donald J. Rosenthal	Harris E. Karowe
	Sidney P. Zimmerman	Martin C. Rosenthal	Louis C. Lasagna
1945	Bernard Becker	Leonard J. Sagal	Henry H. Ludemann
	Sidney Bertram	Herbert Sandick	Donald L. Mahler
	Kurt Elias	Louis E. Schaefer	Esar G. Margolin
	Marshall Freedman	Stanley L. Slater	Harold M. Nitowsky
	Janet Greenberg	Myron E. Steinberg	Robert O. Ocasohn
	Ezra M. Greenspan	Gene H. Stollerman	Sanford Pariser
	Sidney A. Haber	Louis B. Turner	Murray B. Pincus
	David E. Haft	Robert S. Wallerstein	Bruce L. Ralston
	Sumner Kaufman	Diana Zingher	Ira S. Rubenstein
	Joseph Kolker	1947 Mortimer E. Bader	Philip Samet
	Maxwell H. Kolodny	Richard A. Bader	Samuel O. Sapin
	Marvin F. Levitt	Martin L. Beller	Robert L. Segal
	Adrian L. Luhby		Peter S. Tolins

One-Year Interns and Externs

1898	L. A. S. Bodine	1907	B. Rein	1910	Charles Gluck
	W. M. Lazard		*Edgar D. Oppenheimer		Mark Cohen
1899	E. A. Rosenberg		P. Fiaschi		Jerome Zuckerman
	E. D. Lederman		Jerome S. Leopold		Charles Gottlieb
	*A. W. Roff	1908	*Wm. I. Wallach		*Hugo Blum
1900	Edward J. Miller		M. Reuben		William Thalhimer
	*Charles E. Rosenwasser		M. C. Pease, Jr.		Clarence Brown
	J. Howard Staub		Michael Barsky		*Ralph H. Goss
1901	Leon Bandler	1909	H. C. Fleming	1911	D. Tannenbaum
	*Eugene P. Bernstein		E. W. Abramowitz		Arthur J. Bendick
1902	*S. S. Goldwater		William Lapatnikoff		*J. J. Fabian
1906	Kaufman Schlivek		E. M. Carson		Harry G. Goldman
	*Isadore Goldstein		I. Shapiro		Harold A. Cohen
	*William Branower		Jacob Roemer		Samuel Wetchler
	Isadore Kaufman				

* Deceased

One-Year Interns and Externs

(Continued)

	*Samuel Silverman	1923	S. S. Lichtman	1931	Hyman Lieber
	Abraham J. Newman		*M. Biederman		Edward B. Greenspan
1912	Carl C. Franken	1924	M. L. Guttmacher		Harry Yarnis
	Saul Levy		Max Brahdy		Henry Peskin
1913	S. Aronowitz		Isabel Beck		Robt. H. Abrahamson
	Oscar L. Levin		Wm. B. Rose		Ralph T. Levin
	A. Levy	1925	Julius Kavce		Max L. Som
	*Marcus A. Rothschild		Gertrude Felshin	1932	Bernard Amsterdam
	M. Lobsenz	1926	Emanuel W. Benjamin		David R. Levine
	H. L. Sherman		Eli Y. Shorr		Bernard Amsterdam
	T. Halpern	1927	Harry Weiss		Samuel A. Feldman
	D. H. Bluestone		Sidney D. Leader		Sidney E. Lenke
	S. Genovese		Paul S. Roland		Irving Kowaloff
1914	C. G. Ratner		Walter Bromberg		Alice I. Bernheim
	*J. S. Meltzer		Ben Z. Steine		*Charles J. Sage
	W. Rosen		Hudythe M. Levin		Carl Zelson
	A. Unger		Moses R. Buchman	1933	F. J. de Prume
	A. Mendelson		S. I. Kooperstein		Benjamin I. Allen
	J. Sinkowitz		Herman Slass		Benson Calef
	I. Pelzman	1928	Murray A. Last		Simon Dack
	J. Haimann		P. Goolker		Edward Greenberger
1915	D. Kronman		William Chester		Harold W. Keschner
	I. W. Jacobs		J. Fuhrman Heinrich		Arnold Treitman
	A. Brody		Isabel Globus		Fred R. Schechter
	*J. L. Furst		S. P. Carp	1934	Robert Ullman
	M. A. Sager		Sidney D. Leader		I. Oscar Weisman
	L. L. Roth		Harry Rosenwasser		Meyer Emanuel
	*J. A. Rosenberg		Harry Feld		Ralph W. Flax
1916	Joseph Reiss	1929	George Frumkes		Sidney L. Gottlieb
	*J. Rosenfeld		Michael C. Kemelhor		David Littauer
	I. Rosen		Louis Schneider		M. Edward Hipsh
	M. Varzahbedian		Saul Miller		Charles W. Rieber
1917	*H. Martinson		Bernard S. Brody	1935	Louis M. Rosati
	A. Jerskey		Marcy L. Sussman		Jandon Schwarz
	Louis Nahum		David Beres		Albert D. Kistin
	J. J. Wiener	1930	Harold A. Abel		Vernon A. Weinstein
	B. E. Strode		Charles K. Friedberg		Morris M. Kessler
	A. Altschul		Harry Keil		William Finkelstein
	Samuel K. Levy		Clement H. Golden		Herman I. Kantor
	Leon Antell		Henry A. Baron		Jean Pakter
	W. Sellinger		Sidney Housman	1936	William Epstein
	M. J. Radin		Charles Sutro		M. Edward Hipsh
	Max Dobrin		Herbert Lampert		*Samuel B. Weiner
	Jacob Branower		Nathan H. Sachs		Simon H. Nagler
1920	*Harold Rypins				Samuel M. Bloom
	D. S. Dann				Max Ellenberg
					Jean Pakter

Interns and Residents in Pathology

1911	Daniel Poll	1923	Martin Schreiber	1930	Harold A. Aaron
1912	Louis H. Levy	1924	Lionel S. Auster		Victor H. Kugel
1913	Paul W. Aschner		*Clarence K. Weil	1931	Sidney E. Lenke
1914	*Harry Plotz	1925	Abraham Firestone		Jacob S. Goltman
1915	William Rosenson	1926	William Leifer	1932	Sidney Licht
1916	Julius Gottesman		Alfred Romanoff	1933	Milton Mendlowitz
1917	Lewis T. Mann	1927	Irving Nachamie		Irving A. Sarot
1918	Martin Vorhaus		S. David Glusker	1934	Leon G. Berman
1919	Maurice Rashbaum	1928	Henry H. Lichtenberg		*Milton Steiner
1920	Percy Klingenstein		Arthur Schifrin	1935	Samuel C. Bukantz
1921	Saul S. Samuels	1929	Reuben Cares		Nathan Mintz
1922	Sol. S. Lichtman		Harry Moss		

* Deceased

Interns and Residents in Pathology

(Continued)

1936	Nathan S. Hiatt	Charles Chesner	1947	Edward B. Crohn	
	Joseph M. Silagy	(6 months)		(16 months)	
1937	Alexander Thomas	1942	Richard H. Marshak	Robert L. Feldman	
	Bernard S. Wolf	(6 months)		(6 months)	
1938	Tibor J. Greenwalt	Ingrid Stergus		Robert L. Manheimer	
	Daniel Luger	1943	Lotte Strauss	Mervin G. Olinger	
1939	Roy N. Barnett		Frederick G. Zak	Harold S. Arai	
	Merrill P. Haas	1944	Bert L. Vallee	(6 months)	
1940	Robert Landesman		Adrian L. Lubby		
	Irving G. Kroop	1945	Eugene R. Studenski	1948	Boris Gueft
1941	Daniel Burdick		Luis Gonzales-Cuzan	Chester Cassel	
	Jacques L. Gabrilove	1946	Benjamin Shorr	Bernard R. Rowen	
	Robert V. Bachman		W. Harold Civin	Jacob Dyckman	
	(6 months)		Burton Levine		

Interns in Dentistry

1933	Marvin G. Freid	1939	Manuel Burness	1944	Leonard H. Hirschfeld
	Herbert L. Goodwin		Alfred R. Shepard		Hannon Tuttleman
1934	Henry I. Cohen	1940	Lester H. Sablow	1946	Frank Blauhut
	Harry A. Suslow		Henry Ellison		Leo Stern, Jr.
1935	Louis Kroll	1941	Leon Eisenbud	1947	Dennis Berger
1936	Robert S. Gilbert		Robin M. Rankow		Morris Dicker
	Manuel Gottlieb	1942	†Melvin L. Morris		Raymond Kotch
1937	Ben Pine		Jack S. Klatell	1948	Jerome S. Mittelman
	Robert W. Sabin	1943	Jerome S. Klaif		Chester R. Rackson
1938	Robert S. Hess		(8 months)		Herbert S. Remnick
	Lee R. Kulick		Ira S. Colby		
			Robert Gottsegen		

RESIDENT STAFF

Private and Semi-Private Pavilions

Surgery

1905	Albert G. Swift		Thomas J. Sullivan		Myron A. Sallick
1906	*Edwin A. Riesensfeld		Joseph Lazarus		David Sloane
1907	*Milton Bodenheimer	1921	Arnold Messing	1929	Jacob J. Enkelis
1908	*William Branower		Paul S. Lowenstein		Samuel S. Hanflig
1909	Eben Alexander, Jr.	1922	Joseph Heyman		Robert I. Hiller
	Harold Neuhoef		L. W. Pritchett		Bernard D. Kulick
1910	Abraham E. Jaffin	1923	Benjamin Kogut	1930	Samuel Imboden
1911	J. C. Wooldridge		Edward Lorentzen		Samuel P. Suffin
	*A. O. Wilensky		Samuel Gaines		Eske H. Windsberg
1912	*J. Irving Fort	1924	Seymour F. Wilhelm	1931	Sidney Rosenburg
1913	J. W. Brennan		Ernst Springer		Henry A. Baron
	J. E. King		Abram A. Weiss		Lyon Steine
1914	A. J. Beller		A. J. Sparks	1932	David A. Susnow
	H. E. Schorr		Elias Rubin		Joseph Tomarkin
1915	Jesse D. Schwartz	1925	Franklin I. Harris		*Erwin K. Gutmann
	Edward Bleier		George S. Lachman		Meyer Corff
1916	*H. S. Marcle		Elias L. Stern	1933	Joseph Tartakoff
1917	Sol Shlimbaum		N. H. Blumenkranz		Robert Turell
	J. Ramsay Crawford	1926	Norman F. Laskey		Perry S. Horenstein
	Joseph A. Landy		Samuel Hochman	1934	H. Evans Leiter
	Adolf A. Weiss		Edward O. Finestone		Robt. H. Abrahamson
1918	David M. Natanson	1927	Joseph M. Frehling		Arthur J. Harris
1919	*Max D. Mayer		M. Lester Lowry	1935	Meyer Abrahams
	G. D. Von Deylen		C. D. Moore		Zachary R. Cottler
	Milt n S. Fine	1928	Harold W. Goldberg		Albert M. Schwartz
1920	William A. Flick		Edward Jacobs		Jerome Gross

* Deceased

† Internship interrupted to answer call to Armed Forces

RESIDENT STAFF

(Continued)

	Anthony Kolin	Irving H. Itkin	Maxwell J. Mackby
	Leonard J. Druckerman	David Miller	Leon H. Sherman
1936	Leo H. Pollock	William I. Glass	Walter J. Spinrad
	Seebert J. Goldowsky	Maurice S. Harte	Franklin Robinson
	Edward E. Jemerin	Selig Strax	(6 months)
	Irwin P. Train	1943 Lawrence A. Gardy	1947 Ben F. Bryer
1937	Ernest D. Bloomenthal	Norman Rosenberg	Menahem Cooperstein
	Aaron Prigot	George Schreiber	Albert E. Cremer
	Meyer L. Goldman	Thomas Wilensky	David Elkin
	Louis Scheman	†Max Feinberg	(7 months)
	Leon M. Caplan	Wolf Elkan	Alfred I. Frankel
	Sigmund A. Siegel	Herbert Hershey	Wallace Green
	Gabriel P. Seley	†Harvey P. Kopell	John R. Herman
1938	Julian A. Jarman	(6 months)	Felix A. Kantrowitz
	Philip Cooper	1944 Aaron J. Gissen	Stanley A. Kornblum
	Ralph W. Flax	Bernard Gottfried	Stanley L. Lane
	Lawrence Essenson	Stanley J. Sarnoff	Harold Lear
	Benjamin Gitlitz	(6 months)	Murray N. Levin
	H. Earle Tucker	David Zakin	Hyman J. Levine
1939	Arthur Gladstone	1945 Masako Akimoto	Jacob B. Mandel
	Sylvan Bloomfield	Robert Lowenberg	David Orringer
	Vernon A. Weinstein	Sayed A. Sabeti	Benjamin A. Payson
	Leon N. Greene	Frank Sainburg	(6 months)
	Robert W. Mann	†Alfred B. Stich	Frank Rathouser
	Jerome S. Coles	(7 months)	Joseph H. Sherman
1940	Leon J. Taubenhau	1946 Jane Auer	(9 months)
	Nathaniel C.	David J. Lehman, Jr.	1948 Gilbert S. Goldman
	Schlossmann	(6 months)	Jerome S. Harris
	Bernard Friedman	Louis J. Lester	Henry J. Heimlich
	Earl M. Edison	(6 months)	Leonard Levin-Epstein
	Albert S. Lyons	Louise F. Reda	Harold A. Masters
1941	Marvin P. Rhodes	Kurt Roberts	Alexander P. Maybarduk
	David Brezin	Gilman E. Sanford	Abba A. Messe
	Benjamin Greenspan	(6 months)	Paul Metz
	Scelig Freund	Norman B. Bloom	Irving D. Steinhardt
	Theodore A. Fox	Jacob B. Burke	Louis Burke
	Ralph Friedlander	Samuel H. Cohn	Eugene W. Friedman
	Leon M. Arnold	Kenneth M. Gang	Irwin A. Ginsberg
	(8 months)	(6 months)	Felix Heimberg
	Heinz Lippmann	Oscar Greene	Robert A. Herfort
1942	Harry L. Dein	Aaron Grollman	Ben Rosner
	Mark E. Fox	George D. Hoffeld	Henry M. Trask
		Harry A. Lotman	Herman D. Zeifer

Medicine

1908	Julius Kaunitz	1925	Samuel Schindelhelm		Martin A. Zions
1909	J. Russell Verbrycke	1927	Abraham M. Schacfer	1941	Charles Ressler
1910	*Jacob Wisansky	1928	Henry Z. Goldstein		Sidney S. Greenberg
1911	Joseph Rosenthal	1929	Max E. Panitch	1942	George J. Sabrin
1912	Oris S. Warr	1930	Bernard S. Brody	1943	Roy Hyde
1913	A. B. James	1931	Harold A. Abel		Arthur A. Briskier
1914	B. M. Dear	1932	Harry Yarnis	1944	Naomi Kaplan
	*Morris H. Kahn	1933	Frank A. Bassen		William Frank
1915	Edward Mahler	1935	Abraham Penner	1945	Mindel R. Erdberg
1916	Joseph D. Kelley	1936	Samuel Baer	1946	Jacob Stone
1918	Joseph Rosenfeld	1937	David E. Scheinberg		Harold S. Arai
	Joseph Reiss		William Finkelstein		Morton H. Halpern
1919	Hubert Mann		Albert Cornell		Jerome D. Markham
1920	Louis Sacks	1938	Herman G. Helpern		Sidney Storch
1921	Selian Hebal		Philip M. Gottlieb	1947	Hyman Zuckerman
1922	Allan I. Mann	1939	Milton H. Adelman		Marvin C. Becker
1923	Stanley S. Myers		Morris H. Kreeger		John J. Bookman
1924	Bernard Appel	1940	William Kaufman		Martin C. Rosenthal
					Leonard Stone

* Deceased

† Residency interrupted to answer call to Armed Forces

RESIDENT STAFF

(Continued)

Ward Services

Neurology

1924	William Malamud David Rothschild	1934	Abram Blau Morris B. Bender	1943	†Jack G. Sheps (7 months) Sidney Levin John L. Simon
1925	M. W. Bergman David I. Arbuse	1935	Norman Reider Sidney Tarachow	1944	Irma H. Gross
1926	Herman G. Selinsky Sol W. Ginsburg	1936	Norman A. Levy	1945	Richard B. Drooz
1927	*Jacob J. Kasanin	1937	Morris M. Kessler L. M. Weinberger Jerome E. Alderman	1946	Sidney Berman Kenneth M. Gang Stanley Stellar Benedict J. Bernstein Bernard D. Fine
1928	Lewis J. Doshay Walter Bromberg	1938	Mark G. Kanzer Edwin A. Weinstein	1947	Alvin I. Goldfarb Jack G. Sheps (6 months) Mortimer Ostow Sidney M. Cohen
1929	William Berman Isabel Globus P. Goolker	1939	Eugene P. Mindlin Hyman E. Yaskin	1948	Joseph A. Epstein Leonard I. Malis Morton Marks
1930	Lewis H. Loeser	1940	Bertram Schaffner Sydney G. Margolin		
1931	Paul Sloane Bernard S. Brody	1941	Milton Sapirstein Aaron Stein		
1932	William Schick Samuel A. Sandler Louis Levenstim	1942	Paul G. Myerson Avraam T. Kazan		
1933	Daniel E. Schneider Jacob H. Friedman				

Otolaryngology

1924	Louis Kleinfeld	1933	Max L. Som	1944	Leon M. Arnold Jacob L. Greif
1925	Samuel Rosen	1934	Eugene R. Snyder	1945	Relvert J. Coe Joseph Freeman
1927	Joseph G. Druss	1935	Benj. I. Allen A. H. Neffson	1946	Charles H. Rosenberg Joseph Kolker
1928	Irving B. Goldman	1937	A. H. Neffson	1947	Jacob S. Aronoff
1929	Ben Z. Steine	1938	Lester L. Coleman	1948	Oscar Carp Jesse Fuchs
1930	Harry Rosenwasser	1939	Samuel M. Bloom		
1931	Joseph L. Goldman	1940	Michael S. Zeman		
1932	William J. Hochbaum	1941	Leonard S. Bases		
		1942	Jacob S. Aronoff Nathan Adelman		

Pediatrics

1924	Philip Cohen Alfred Nathans	1933	Martin L. Stein Carl Zelson	1942	Philip J. Kresky Alfred L. Florman
1925	E. Gordon Stoloff Isabel Beck	1934	Louise Rauh	1943	*Jerome W. Greenbaum Eleanor Galenson
1926	Samuel Karelitz Samuel J. Levin	1935	Jacob Brem Samuel Ehre	1944	Luigi Luzzatti Gerhard S. Nothmann
1927	Alfred E. Fischer Gustave F. Weinfeld	1936	Howard C. Leopold Sidney Blumenthal	1945	Jerome S. Beloff Sumner Hagler Irene Shapiro
1928	Abbot L. Winograd Harry S. Mackler	1937	Arthur Lesser *Samuel B. Weiner Jean Pakter	1946	Jorge E. Howard Sidney Wachtell
1929	Moses R. Buchman Sidney D. Leader	1938	Howard G. Rapaport David B. Davis	1947	William Obrinsky Arthur Robinson Mary E. Hyman (6 months) Harold M. Goldstein
1930	David Beres Peter Vogel	1939	Victor L. Szanton Jacob Danciger	1948	Maurice J. Keller Robert M. Heavenrich Robert D. London
1931	Jacob L. Rothstein A. E. Cohen	1940	Herschel J. Kaufman Arnold Wideman		
1932	George J. Ginandes Albert A. Rosenberg	1941	Ralph E. Moloshok Herman Anfanger		

* Deceased

† Residency interrupted to answer call to Armed Forces

RESIDENT STAFF

(Continued)

Gynecology

1924	Arthur Katzenstein	1933	Joseph A. Gaines	1942	†Harold Bengloff (6 months)
	Karl Polifka	1934	Sidney N. Mendelsohn		George C. Escher
1925	Morris R. Matus		U. J. Salmon	1943	Charles S. Poole
	Seymour Wimpfheimer	1935	Robert Turell		Herman I. Kantor
1926	Howard A. Power	1936	H. Melvin Radman	1944	Richard H. Marshak
	Edward A. Horowitz		Emanuel Klemperer		Norman M. Weinrod
1927	Frank Spielman		Robert I. Walter	1945	Irving Fain
1928	Jacques D. Soifer	1937	Norman Margolius		Meyer D. Schnell
	Alan F. Guttmacher		Herbert F. Newman	1946	David Zakin
1929	Oscar Glassman	1938	Arthur M. Davids		John F. MacGuigan
1930	Benjamin E. Urdan		Phoenix M. Sales	1947	Louis S. Lapid
	Maurice Feresten	1939	Nathan Mintz		Harvey K. Mechanik
1931	Irving Nachamie		Jack Squire		Bernard D. Stollman
	Mervin A. Henschel	1940	Norbert B. Reicher	1948	Jacob B. Burke
1932	Phineas Bernstein		Irving L. Frank		Robert Landesman
	Henry A. Baron	1941	Aaron L. Lichtman		
			Louis S. Lapid		

Ophthalmology

1928	David Wexler	1936	Frederick H. Theodore	1944	Sylvan Bloomfield
1929	*Robert K. Lambert	1937	Jacob Goldsmith		Virginia L. Lubkin
1930	Murray A. Last	1938	Frank M. Green	1945	Morris Feldstein
1931	Saul Miller	1939	Louis C. Ravin	1946	Leo D. Kellerman
1932	Herman I. Weiss	1940	Herman K. Goldberg		Milton Greenberg
1933	Samuel L. Saltzman	1941	Milton G. Ross	1947	Robert Lateiner
1934	A. L. Kornzweig	1942	Alan H. Barnert		Mortimer Cholt (6 months)
1935	Nathan S. Rubin	1943	Herbert M. Katzin	1948	William I. Glass

Orthopedic Surgery

1938	Samuel R. Rubert	1943	Irving Glick	1946	Ralph L. Citron
1939	Otto Lehmann	1944	Abraham L. Umansky		Philip T. Schlesinger
1940	Alvin M. Arkin		(6 months)	1947	Monroe Schneider
1941	†Joel Hartley	1945	Paul C. Wiesenfeld		Julius Schneiderman
1942	Henry S. Wieder, Jr.				

Radiology

1921	Sidney H. Levy	1929	Myer E. Golan	1938	Arnold L. Bachman
1922	Rubina Lavine		Charles Lipsky		Robert J. Ruby
	Barnett P. Freedman		Samuel Richman	1939	Lester Freedman
1923	Harry S. Olin	1930	Isidore Klein	1940	Jack H. Levy
	Harry Gross		Saul J. Tamarkin		Nathan Rudner
1924	Irving Schwartz	1931	Harry Herscher	1941	Harold G. Jacobson
	Max Newer	1932	Simon Shulman		Abraham Melamed
1925	Jacob R. Freid		Louis E. Zaretski	1942	Bernard S. Wolf
	Nathaniel H. Robin		Gerald J. Bernath		Joseph W. Kohn (Roentgenology)
	Emanuel J. Wexler	1933	Mitchell Burdick		Warren Zager (Radiotherapy)
1926	William Snow		Gayland L. Hagelshaw	1943	Richard H. Marshak (Roentgenology)
	Sol. Taubin	1934	Israel Kirsh		Theodore Meranze
1927	Albert Kean		Edward D. Sherman	1944	Laszlo Ehrlich (Roentgenology)
	Samuel Poplack	1936	Irving I. Cowan		Sidney Axelrod (Roentgenology)
1928	Carye-Belle Henle		Joseph Jellen		
	Benjamin J. Sax	1937	Benjamin Copleman		
	Emanuel W. Benjamin		Max Schenck		
			Marston T. Woodruff		

* Deceased

† Residency interrupted to answer call to Armed Forces

RESIDENT STAFF

(Continued)

Harry Naidich	1946	Abraham Marvisch	Norman Simon
1945 Joan J. Lipsay	1947	Sydney B. Lewis	1948 Sigmund A. Brahms
(Roentgenology)		Abraham Geffen	Emanuel Saltzman
Mortimer Lubert		Mortimer Hermel	
(Radiotherapy)			

Surgery

1942 Albert S. Lyons	Ernest L. Sarason	1947	Bernard P. Robinson
†Bernard E. Simon	1945 Stanley L. Glickman		Samuel Diener
1943 Elliott S. Hurwitt	Abraham L. Umansky		Louis J. Lester
Daniel Luger	1946 David A. Dreiling	1948	David Elkin
Arnold J. Rawson	Selwyn Z. Freed		Stanley L. Lane
1944 Daniel Burdick	Aaron J. Gissen		Leon D. Star
Paul A. Kirschner	Robert A. Nabatoff		

Medicine

1942 Bernard M. Schwartz	1947	Daniel K. Adler	Stanley L. Lee
Emanuel B. Schoenbach		Morton S. Bryer	Arthur W. Ludwig
1943 Alvin J. Gordon		Mack Fieber	Ira A. Rashkoff
Morley J. Kert		Daniel H. Goodman	Hilliard Spitz
1944 Jacques L. Gabrilove		Irving G. Kroop	Robert M. Berne
1945 Reuben Merliss		William R. Woolner	Alfred P. Fishman
Edwin S. Olsan		Stephen B. Yohalem	Sidney R. Michael
1946 Ezra M. Greenspan		Henry D. Janowitz	Leonard L. Madison
Matthew O. Locks		Samuel R. Klibanoff	Edward H. Roston
R. Stanley Bank	1948	Karl Paley	Abraham Saltzman
Nathaniel B. Kurnick	Frederick M. Epstein		Gene H. Stollerman
Jonas H. Sirota	Samuel L. Feder		Robert S. Wallerstein
	Leonard W. Jarcho		

Anesthesiology

1946 Irma Back	1947	Julius Barcham	1948 Bernard R. Margolius
		Jack E. Clare	

Physical Medicine

1947 Leonard J. Yamshon	1948	Bruce B. Grynbaum
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Dermatology

1948 Kai Keng Lee

Psychiatry

1948 Edward D. Joseph
Oscar Sachs

Urology

1948 Lester Narins

ADMITTING PHYSICIANS

1908-1911 Max Rosenberg	1917-1918 Joseph Harkavy
1912-1913 *H. W. Emsheimer	1919 Asher Winkelstein
1914-1915 Daniel Poll	1920-1921 *Philip Finkle
1916 David Beck	1922 Leon Ginzburg

* Deceased

† Residency interrupted to answer call to Armed Forces

ADMITTING PHYSICIANS

(Continued)

1923	Arthur M. Master	1934	Herman S. Roth
1924	Coleman B. Rabin	1935	Hyman Levy
1925-1927	Lewis E. Persoff	1936	D. Alfred Dantes
1928	Sidney Grossman	1937	Alan N. Leslie
	Elmer S. Gais	1938	Herman I. Kantor
1929	Samuel H. Averbuck	1939	Jules L. Whitehill
1930	Herman Zazeela	1940	Irving Solomon
1931	Isidore Schapiro	1941	Gerson J. Lesnick
1931-1933	Rose Spiegel	1942	Selvan Davison

HOUSE STAFF

(As of January 1, 1949)

Interns

Medicine and Surgery

George S. Berg, M.D.	Stanley S. Kogut, M.D.
Alfred J. Bollet, M.D.	David L. Krohn, M.D.
Ruth E. Cortell, M.D.	Harvey Kugler, M.D.
Joseph H. Dashefsky, M.D.	Leslie A. Kuhn, M.D.
Mayer Fisch, M.D.	Sherman Kupfer, M.D.
Gladys A. Fish, M.D.	Martin Kurtz, M.D.
Edwin L. Garlett, M.D.	Daniel J. Nathan, M.D.
Stanley E. Gitlow, M.D.	Joseph G. Parker, M.D.
Robert A. Green, M.D.	Paul L. Schoenberg, M.D.
Melvin M. Grumbach, M.D.	Chester J. Semel, M.D.
David J. Hamerman, M.D.	Harry R. Shinefield, M.D.
Avrum L. Katcher, M.D.	Harold M. Unger, M.D.

Dentistry

Irwin S. Robinson, D.D.S.	Peter E. Stern, D.D.S.
Joseph R. Stein, D.D.S.	Mortimer Stone, D.D.S.

Residents

Wards

Medicine

Stuart S. Asch, M.D.
Chester Cassel, M.D.
William R. Dorrance, M.D.
Mark Eisenbud, M.D.
Donald S. Kent, M.D.
Joseph Kolker, M.D.
Joseph R. Kuh, M.D.
Ira A. Rashkoff, M.D.
Donald J. Rosenthal, M.D.
Seymour E. Rosenthal, M.D.
Bernard R. Rowen, M.D.
Louis E. Schaefer, M.D.
Stanley L. Slater, M.D.
Louis B. Turner, M.D.
Robert L. Zimmerman, M.D.
Sidney P. Zimmerman, M.D.

Neurology

Philip S. Bergman, M.D.
Arthur W. Epstein, M.D.
Louis J. Michaels, M.D.
Leroy S. Sugarman, M.D.
Nathaniel W. Winkelman, Jr., M.D.

Psychiatry

Benedict J. Bernstein, M.D.
George W. Naumburg, Jr., M.D.

Pediatrics

Bennett L. Gemson, M.D.
Janice T. Nightingale, M.D.
Richard N. Reuben, M.D.
Nathan Schiffrin, M.D.

Dermatology

Bronia Finkler, M.D.

Surgery

Hyman J. Levine, M.D.
David Orringer, M.D.
Frank Rathausser, M.D.

Neurosurgery

Leonard I. Malis, M.D.

Urology

Harold A. Lear, M.D.
Joseph H. Sherman, M.D.

Gynecology

Louis Burke, M.D.
Myron E. Steinberg, M.D.
Irwin Weiner, M.D.

Otolaryngology

Joseph Freeman, M.D.
Charles H. Rosenberg, M.D.

HOUSE STAFF

(Continued)

Ophthalmology

Gerald M. Branower, M.D.
Marvin Posner, M.D.
Edward L. Seretan, M.D.

Orthopedic Surgery

Joseph W. Copel, M.D.
Jacob F. Katz, M.D.
Robert S. Siffert, M.D.
Stanley S. Tanz, M.D.

Anesthesiology

Robert A. Berman, M.D.
Abraham Hochberger, M.D.
Leon G. Kamras, M.D.

Laboratories

Norman Alisberg, M.D.
Nathan Lane, Jr., M.D.
Henry D. Shapiro, M.D.
Kuang-Chao Wang, M.D.

Radiology

Samuel L. Feder, M.D.
Leland R. Felton, M.D.
William A. Henkin, M.D.
Victor Kremens, M.D.
Myron Melamed, M.D.

Private and Semi-Private Pavilions

Surgery

Emil L. Barrows, M.D.
Joseph Brisbane, M.D.
Sidney H. Cohen, M.D.
Joseph Dwek, M.D.
Melvin B. Fishman, M.D.
Charles E. Friedgood, M.D.
Stephen L. Gans, M.D.
Sidney B. Gordon, M.D.
Herbert M. Jacobs, M.D.
Sidney S. Kaufman, M.D.
Saul B. Meltzer, M.D.
Irving H. Parnes, M.D.
Milton J. Pearl, M.D.
Alfred A. Pomerantz, M.D.
Leonard M. Roberts, M.D.
Herbert Sandick, M.D.
Herman S. Shapiro, M.D.
Lester Steppacher, M.D.

Extracts from the Constitution on Endowed Beds and Other Endowment Funds

- A contribution of \$2,500 to the general funds of the corporation, if accepted by the Board of Trustees, shall endow a Life Bed. Such contribution shall entitle the donor thereof, during his or her lifetime, to name a patient from time to time to occupy one bed in the wards of the Hospital, free of charge.
- A contribution of \$3,500 to the general funds of the corporation, if accepted by the Board of Trustees, shall endow a Memorial Bed. Such a contribution shall entitle the donor thereof, during his or her lifetime, to name a patient from time to time to occupy one bed in the wards of the Hospital, free of charge. Such donor may bequeath that right to a successor appointed by the said donor in his or her last will and testament, or by any other instrument under seal. In the event of such successor being appointed, the rights hereinbefore mentioned shall continue for a period of not over fifty years from the date of such contribution, provided, however, that such period shall be extended so that it shall in no event end until ten years after the death of the donor.
- A contribution of \$5,000 to the general funds of the corporation, if accepted by the Board of Trustees, shall endow a Perpetual Bed in the Children's Pavilion. Such contribution shall entitle the donor thereof, during his or her lifetime, to name a patient from time to time to occupy one bed in the wards of the Children's Pavilion, free of charge. Such donor may bequeath that right to a successor appointed by said donor in his or her last will and testament, or by any other instrument under seal. When a corporation is the donor, the privilege shall expire at the end of twenty-five years from the date of such contribution.
- A contribution of \$7,500 to the general funds of the corporation, if accepted by the Board of Trustees, shall endow a Perpetual Bed, but where, under the provision of any will executed prior to March 20, 1921, the sum of \$5,000 or more is bequeathed to the corporation in payment of any Perpetual Bed, the Board of Trustees may, at their option, accept such sum in payment of such Perpetual Bed. Such contribution shall entitle the donor thereof, during his or her lifetime, to name a patient from time to time to occupy one bed in a ward of the Hospital, free of charge. Such donor may bequeath that right to a successor appointed by said donor in his or her last will and testament, or by any other instrument under seal. When a corporation is the donor, the privilege shall expire at the end of twenty-five years from the date of such contribution.
- Tablets to commemorate the endowment of Life, Memorial, and Perpetual Beds shall be placed in a ward or in such other place as may be set aside for the purpose. Tablets for Life Beds shall be maintained during the life of the donor. Tablets for Memorial Beds shall be maintained for a period not beyond fifty years from the date of their endowment, provided, however, that such period shall be extended so that it shall in no event end until ten years after the death of the donor. Tablets for Perpetual Beds shall be maintained in perpetuity.
- A donor may change a Life Bed endowed by him or her to a Memorial Bed by making an additional contribution of \$1,000, or to a Perpetual Bed by making an additional contribution of \$5,000, or may change a Memorial Bed to a Perpetual Bed by making an additional contribution of \$4,000.
- No patient shall be admitted to the privileges pertaining to a Life, Memorial, or Perpetual Bed unless he shall comply with the current rules of the corporation and be a proper subject for treatment under its regulations.
- An endowment for the establishment of any special fund may be accepted by a resolution of the Board of Trustees. Such fund may be created for special or general purposes under the name of one or more persons or otherwise. If created for a special purpose the fund shall be used only for that purpose. Additions to any fund may be made at any time and in any amount, but no fund shall be created with an initial endowment of less than \$10,000.
- Gifts of any sums whatsoever may be made to one or more special funds for non-budgetary purposes, the principal and income of which may be appropriated by the Board of Trustees as the needs may arise for purposes not covered by the regular budget of the corporation.
- In the case of a bequest which does not in all respects conform to the conditions herein set forth, the Board of Trustees may, in its discretion, accept the same in accordance with the provisions of such bequest.

FORM OF BEQUEST

I give and bequeath to The Mount Sinai Hospital of the City of New York, incorporated in 1852.

the sum of.....
to be used for.....

